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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Jun 03	New e-mail delivery for search results now available
NEWS 4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 7	Sep 03	JAPIO has been reloaded and enhanced
NEWS 8	Sep 16	Experimental properties added to the REGISTRY file
NEWS 9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11	Oct 24	BEILSTEIN adds new search fields
NEWS 12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13	Nov 18	DKILIT has been renamed APOLLIT
NEWS 14	Nov 25	More calculated properties added to REGISTRY
NEWS 15	Dec 04	CSA files on STN
NEWS 16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17	Dec 17	TOXCENTER enhanced with additional content
NEWS 18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS 20	Feb 13	CANCERLIT is no longer being updated
NEWS 21	Feb 24	METADEX enhancements
NEWS 22	Feb 24	PCTGEN now available on STN
NEWS 23	Feb 24	TEMA now available on STN
NEWS 24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 25	Feb 26	PCTFULL now contains images
NEWS 26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27	Mar 20	EVENTLINE will be removed from STN
NEWS 28	Mar 24	PATDPAFULL now available on STN
NEWS 29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 30	Apr 11	Display formats in DGENE enhanced
NEWS 31	Apr 14	MEDLINE Reload
NEWS 32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 33	Apr 21	Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS 34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 35	Apr 28	RDISCLOSURE now available on STN
NEWS 36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),

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                AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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FILE 'HOME' ENTERED AT 09:45:42 ON 16 MAY 2003

=> file registry
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21       0.21

FILE 'REGISTRY' ENTERED AT 09:45:57 ON 16 MAY 2003
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DICTIONARY FILE UPDATES:  15 MAY 2003  HIGHEST RN 516445-69-5

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

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Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

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L1      STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1              STR
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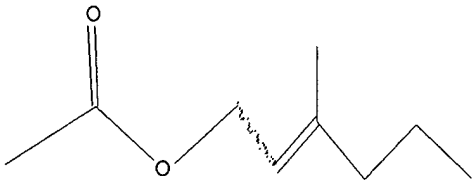

Structure attributes must be viewed using STN Express query preparation.

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=> s l1 sss full
FULL SEARCH INITIATED 09:46:24 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 111722 TO ITERATE

100.0% PROCESSED  111722 ITERATIONS                          9445 ANSWERS
SEARCH TIME: 00.00.01

L2          9445 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                               148.15     148.36

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FILE COVERS 1907 - 16 May 2003  VOL 138 ISS 21
FILE LAST UPDATED: 15 May 2003  (20030515/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.

=> s l2
L3          5535 L2

=> s l3 and (perfum? or fragran? or odor? or scent? or olfactor?)
          28869 PERFUM?
          11222 FRAGRAN?
          73265 ODOR?
           2115 SCENT?
          14978 OLFACTOR?
L4            149 L3 AND (PERFUM? OR FRAGRAN? OR ODOR? OR SCENT? OR OLFACTOR?)

=> s l3 and (perfum? or fragran?)
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         28869 PERFUM?
         11222 FRAGRAN?
L5          71 L3 AND (PERFUM? OR FRAGRAN?)

=> d l5 hitstr, ibib, iabs 1-71


L5   ANSWER 1 OF 71  CAPLUS  COPYRIGHT 2003 ACS
IT   502515-48-2P 502515-75-5P
     RL: COS (Cosmetic use); IMF (Industrial manufacture); MOA (Modifier or
     additive use); TEM (Technical or engineered material use); BIOL
     (Biological study); PREP (Preparation); USES (Uses)
        (photolabile profragrances exhibiting good aesthetic benefits for
        detergents, shampoos, personal care products, and fabric softeners)
RN   502515-48-2  CAPLUS
CN   2-Propenoic acid, 3-(2,4-dihydroxyphenyl)-, 1-(1-methyl-1-butenyl)hexyl
     ester (9CI)  (CA INDEX NAME)
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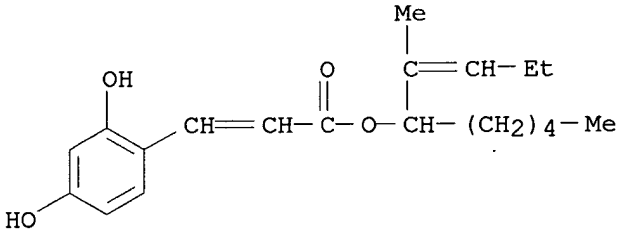


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RN   502515-75-5  CAPLUS
CN   2-Propenoic acid, 3-(2-hydroxy-3-methoxyphenyl)-, 1-(1-methyl-1-
     butenyl)hexyl ester (9CI)  (CA INDEX NAME)
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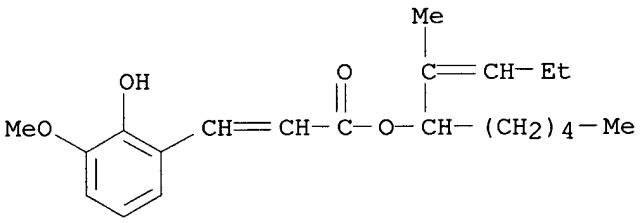


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ACCESSION NUMBER:         2003:221792  CAPLUS
DOCUMENT NUMBER:          138:260128
TITLE:                    Photo-labile pro-fragrances and compositions
                          containing them
INVENTOR(S):              Dykstra, Robert Richard; Gray, Lon Montgomery
PATENT ASSIGNEE(S):       The Procter & Gamble Company, USA
SOURCE:                   PCT Int. Appl., 36 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.        KIND  DATE          APPLICATION NO.  DATE
     ---------------   ----  --------      ---------------  --------
     WO 2003022978      A1   20030320      WO 2002-US28645  20020910
         W:  AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES,
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FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK,
SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ,
BY, KG, KZ, MD
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-318662P P 20010911

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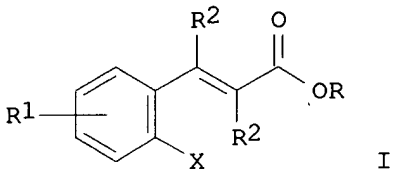


I

ABSTRACT:
The present invention relates to photo-labile pro-**fragrances**, as well as a **fragrance** raw material delivery system with an aesthetic benefit comprising: (i) from about 0.001% to about 100% by wt., of a photo-labile pro-***fragrance*** compd. having the formula I, wherein OR is a unit derived from a **fragrance** raw material alc., HOR; R1 is one or more electron donating groups; each R2 is independently hydrogen, C1-C12 alkyl, and mixts. thereof; X is selected from the group consisting of -OH, -NH2, -NHR3, and mixts. thereof; R3 is hydrogen, C1-C12 linear or branched alkyl, C6-C10 aryl, and mixts. thereof; and (ii) optionally from about 0.001% to about 50% by wt., of one or more **fragrance** raw materials. These delivery systems are useful for detergents, shampoos, personal care products, and fabric softeners. Thus, 1,5-dimethyl-1-vinylhex-4-enyl 3-(2,4-dihydroxyphenyl)acrylate was manufd. by reaction of 3-(2,4-dihydroxyphenyl)acrylic acid with linalool.

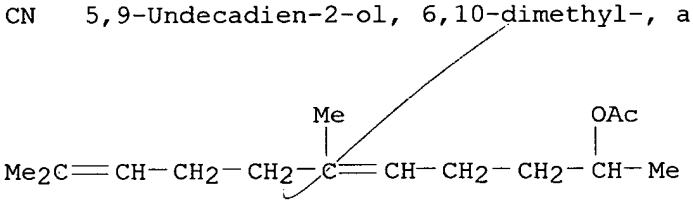
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 71 CAPLUS COPYRIGHT 2003 ACS

IT **91482-37-0**
RL: TEM (Technical or engineered material use); USES (Uses)
(**fragrant** substances as additives for improving storage stability of polyvinyl alc. and polyvinyl alc.-cellulose blends)

RN 91482-37-0 CAPLUS

CN 5,9-Undecadien-2-ol, 6,10-dimethyl-, acetate (7CI, 9CI) (CA INDEX NAME)



ACCESSION NUMBER: 2002:946358 CAPLUS
DOCUMENT NUMBER: 138:44520
TITLE: **Fragrant** substances for improving storage stability and solubility of poly(vinyl alcohol) and poly(vinyl alcohol)-cellulose blends
INVENTOR(S): Meller, Gerhard; Maier, Hans
PATENT ASSIGNEE(S): Drom Fragrances International K.-G., Germany
SOURCE: PCT Int. Appl., 22 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002098966	A2	20021212	WO 2002-EP6246	20020607

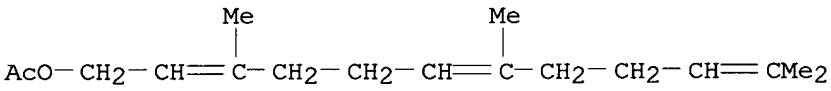
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: DE 2001-10130971 A 20010607
ABSTRACT:

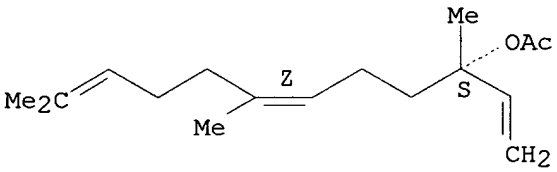
Fragrant substances are useful as substitutes for solvents currently used as additives for increasing or reducing flexibility or adjusting H2O-soly. of poly(vinyl alc.) and poly(vinyl alc.)-cellulose blends that are used as packaging materials, bottles, capsules, etc.

L5 ANSWER 3 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesyl acetate **56001-43-5**, Nerolidyl acetate **475285-51-9**
RL: TEM (Technical or engineered material use); USES (Uses)
(laundry additive compn. contg. **perfumed** particles and hydrating material for dispensing in the wash or rinse)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



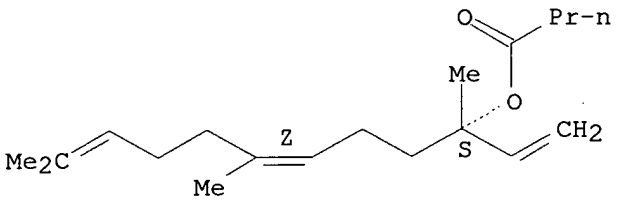
RN 56001-43-5 CAPLUS
CN 1,6,10-Dodecatrien-3-ol, 3,7,11-trimethyl-, acetate, (3S,6Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



RN 475285-51-9 CAPLUS
CN Butanoic acid, (1S,4Z)-1-ethenyl-1,5,9-trimethyl-4,8-decadienyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



ACCESSION NUMBER: 2002:869032 CAPLUS
DOCUMENT NUMBER: 137:371757
TITLE: Compositions and articles for effective deposition of **perfume** in the wash
INVENTOR(S): Welch, Robert Gary; Dihora, Jiten Odhavji; Wahl, Errol Hoffman; Dufton, Daniel James; Gibson, Malcolm; Johnston, Grant Gordon; Patton, Andrew Brian Greenaway; Ridyard, Mark William; Sayers, Edward; Schroeder, Timothy James; Trinh, Toan; Diersing, Steven Louis; York, David William; Liu, Zaiyou; Finley, Kristin Marie
PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
SOURCE: PCT Int. Appl., 99 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002090481	A1	20021114	WO 2002-US13812	20020501

W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-288767P P 20010504
US 2002-352808P P 20020130

ABSTRACT:
The title compns. will rapidly dispense a unitized amt. of .gtoreq.1 selected fabric care agents to a wash and/or rinse bath soln. during the laundering process under a variety of conditions such that the fabric care additive is effectively deposited on the fabrics. Specifically, the compns. include a hydratable material, preferably effervescing materials, **perfume** particles and optional materials. The **perfume** particles are ***perfume*** combined with an inorg. carrier, preferably zeolite particles having a min. surface area. The deposition of the **perfume** particles on fabrics during washing and/or rinsing provides a controlled release of the ***perfume*** components from the treated fabrics for up to .gtoreq.2 wk. The retention of the **perfume** on the carrier when dispensed in an aq. soln. is improved.

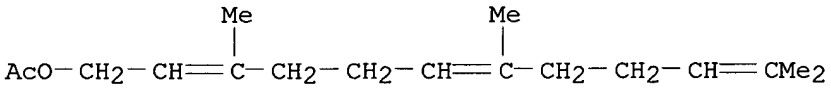
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 71 CAPLUS COPYRIGHT 2003 ACS

IT **29548-30-9**, Farnesyl acetate **56001-43-5**, Nerolidyl acetate **475285-51-9**
RL: TEM (Technical or engineered material use); USES (Uses)
(**perfumed** particles and delivery containers contg. the **perfume**)

RN 29548-30-9 CAPLUS

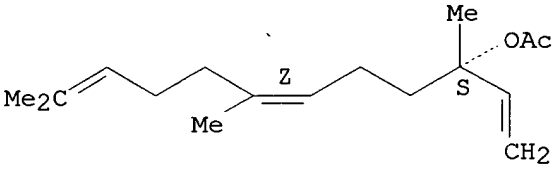
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



RN 56001-43-5 CAPLUS

CN 1,6,10-Dodecatrien-3-ol, 3,7,11-trimethyl-, acetate, (3S,6Z)- (9CI) (CA INDEX NAME)

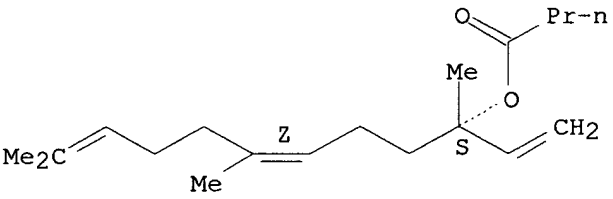
Absolute stereochemistry.
Double bond geometry as shown.



RN 475285-51-9 CAPLUS

CN Butanoic acid, (1S,4Z)-1-ethenyl-1,5,9-trimethyl-4,8-decadienyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



ACCESSION NUMBER:	2002:869030 CAPLUS
DOCUMENT NUMBER:	137:371754
TITLE:	**Perfumed** particles, consumable compositions, article manufacture and articles containing the **perfume**
INVENTOR(S):	Liu, Zaiyou; Trinh, Toan; Finley, Kristin Marie
PATENT ASSIGNEE(S):	The Procter & Gamble Company, USA
SOURCE:	PCT Int. Appl., 49 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	4
PATENT INFORMATION:	

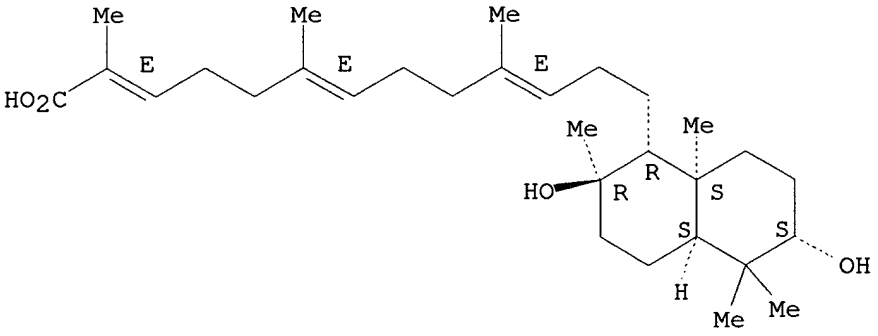
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002090479	A1	20021114	WO 2002-US13809	20020501
W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003036489	A1	20030220	US 2002-137528	20020502
PRIORITY APPLN. INFO.:			US 2001-288767P P	20010504
			US 2002-352829P P	20020130

ABSTRACT:
Perfume delivery compns. and/or consumable compns. include ***perfumed*** particles made of a porous inorg. mineral carrier and an absorbed and/or adsorbed **perfume** compn. The **perfume** compn. has low levels of certain classes of **perfume** ingredients that tend to be unstable when incorporated onto or into a porous mineral carrier (e.g. zeolites). Articles include the **perfume** delivery or consumable compns. (e.g. detergent), and moisture impermeable containers designed for single use or unit dosing that may include a reclosable or resealable closure.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **446030-41-7P**, Myrrhanol B **446030-43-9P**, Myrrhanone B
RL: PRP (Properties); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(triterpenes of Balsamodendron as nitrogen oxide prodn. inhibitors)
RN 446030-41-7 CAPLUS
CN 2,6,10-Tridecatrienoic acid, 13-[(1R,2R,4aS,6S,8aS)-decahydro-2,6-dihydroxy-2,5,5,8a-tetramethyl-1-naphthalenyl]-2,6,10-trimethyl-, (2E,6E,10E)- (9CI) (CA INDEX NAME)

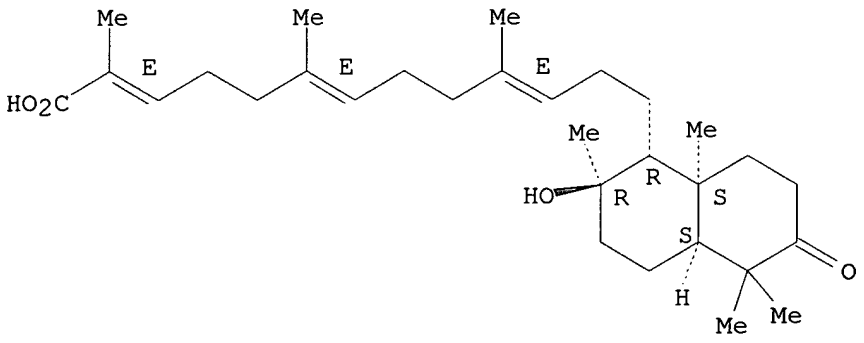
Absolute stereochemistry. Rotation (+).
Double bond geometry as shown.



RN 446030-43-9 CAPLUS
CN 2,6,10-Tridecatrienoic acid, 13-[(1R,2R,4aS,8aS)-decahydro-2-hydroxy-2,5,5,8a-tetramethyl-6-oxo-1-naphthalenyl]-2,6,10-trimethyl-, (2E,6E,10E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

Double bond geometry as shown.



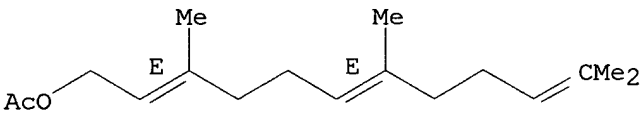
ACCESSION NUMBER: 2002:636454 CAPLUS
DOCUMENT NUMBER: 137:152494
TITLE: Triterpenes of Balsamodendron as nitrogen oxide production inhibitors
INVENTOR(S): Kawahara, Yuzo; Shimoda, Hiroshi; Yoshikawa, Masayuki
PATENT ASSIGNEE(S): Morishita Jintan Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002234834	A2	20020823	JP 2001-34101	20010209

PRIORITY APPLN. INFO.: JP 2001-34101 20010209
ABSTRACT:
Myrrha obtained from Balsamodendron mukul trunk is extd. with org. solvent such as methanol to obtain 5 triterpenes, i.e. myrrhanol A, B, and C, and myrrhanone A and B. These triterpenes inhibit prodn. of nitrogen oxide and useful for manufg. of pharmaceuticals for control of allergy, chronic arthritis, and inflammation.

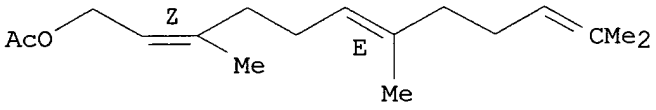
L5 ANSWER 6 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **4128-17-0 40266-29-3**
RL: NPO (Natural product occurrence); BIOL (Biological study); OCCU (Occurrence)
(extn. of **fragrance** components from Ambrette (Hibiscus abelmoschus) seed oil)
RN 4128-17-0 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate, (2E,6E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 40266-29-3 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate, (2Z,6E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

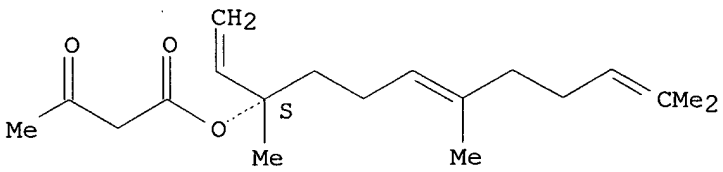


ACCESSION NUMBER: 2002:344082 CAPLUS
DOCUMENT NUMBER: 137:83357
TITLE: A Novel Process for the Extraction of **Fragrance** Components from Ambrette (Hibiscus abelmoschus L.) Seeds
AUTHOR(S): Rout, P. K.; Barik, K. C.; Jena, K. S.; Sahoo, D.; Rao, Y. R.
CORPORATE SOURCE: Regional Research Laboratory, Bhubaneswar, 751 013, India
SOURCE: Organic Process Research & Development (2002), 6(4), 401-404
CODEN: OPRDFK; ISSN: 1083-6160
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
The essential oil from Ambrette seeds (H. abelmoschus L. synonym, Abelmoschus moschatus, Moerich) has long been used in the **perfumery** industry. The essential oil is localized mainly in the seed coat that cannot be easily sepd. from the kernel. Different methods of sepn. of the seed coat have been attempted, and none of the methods has been found to be satisfactory. A method for its selective extn. with alc. solvents and purifn. is described. A ***fragrance*** ext., free from fatty acids and fatty oil and which is superior to the steam-distd. product, was obtained in improved yields.

REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 7 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **413578-83-3P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of unsatd. ketones with reduced byproducts formation from allyl or propargyl acetoacetates under solvent-free conditions)
RN 413578-83-3 CAPLUS
CN Butanoic acid, 3-oxo-, (1S)-1-ethenyl-1,5,9-trimethyl-4,8-decadienyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.

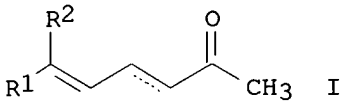


ACCESSION NUMBER: 2002:305747 CAPLUS
DOCUMENT NUMBER: 136:325704
TITLE: Preparation of unsaturated ketones with reduced byproducts formation from allyl or propargyl

acetoacetates under solvent-free conditions
INVENTOR(S): Mori, Toshiki; Fujimura, Yusuke
PATENT ASSIGNEE(S): Kuraray Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002121166	A2	20020423	JP 2000-315315	20001016

PRIORITY APPLN. INFO.: JP 2000-315315 20001016
OTHER SOURCE(S): CASREACT 136:325704; MARPAT 136:325704
GRAPHIC IMAGE:

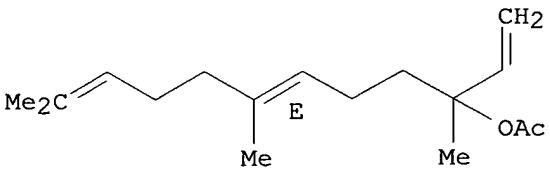


I

ABSTRACT:
Unsatd. ketones I [the broken line = optional double bond; R1 = (cyclo)alkyl, alkenyl, alkynyl, aryl; R2 = H, alkyl], useful as intermediates for ***perfumes*** , vitamins, drugs, etc., are prepd. by dropwise addn. of MeCOCH2CO2CR1R2CH:CH2 or MeCOCH2CO2CR1R2C.tplbond.CH (R1, R2 = same as above) to a system contg. 0.1-1.0 mol% (based on the acetoacetates) AlR3R4R5 (R3-R5 = alkoxy, R6O2CCH:CMeO; R6 = alkyl) as catalysts at 130-250.degree.. Thus, linalyl acetoacetate (II) was dropwise added to a mixt. of II and (iso-PrO)3Al at 170.degree. over 3 h and the reaction mixt. was stirred at 170.degree. for 1 h. The resulting reaction mixt. contained geranylacetone 77, linalool 8.1, and byproducts (geraniol and nerol) 0.2%.

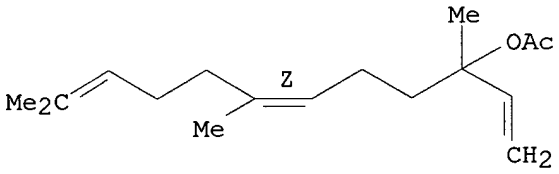
L5 ANSWER 8 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **85611-33-2 91050-14-5**
RL: NPO (Natural product occurrence); BIOL (Biological study); OCCU (Occurrence)
(volatile components of Myrtaceae plants from western Cuba)
RN 85611-33-2 CAPLUS
CN 1,6,10-Dodecatrien-3-ol, 3,7,11-trimethyl-, acetate, (6E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 91050-14-5 CAPLUS
CN 1,6,10-Dodecatrien-3-ol, 3,7,11-trimethyl-, acetate, (6Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

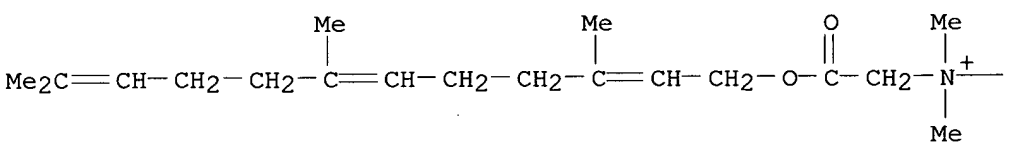


ACCESSION NUMBER: 2002:245745 CAPLUS
DOCUMENT NUMBER: 137:10690
TITLE: Volatile components of Myrtaceae plants from western Cuba
AUTHOR(S): Bello, Avilio; Pino, Jorge; Marbot, Rolando; Urquiola, Armando; Aguero, Juan
CORPORATE SOURCE: Instituto Superior Pedagogico de Pinar del Rio, Pinar del Rio, Cuba
SOURCE: Revista CENIC, Ciencias Quimicas (2001), 32(3), 143-147
CODEN: RCCQER; ISSN: 1015-8553
PUBLISHER: Centro Nacional de Investigaciones Cientificas
DOCUMENT TYPE: Journal
LANGUAGE: Spanish
ABSTRACT:
America and Australia are known to be the natural habitat of the family Myrtaceae. Six essential oils from species grown in Cuba of this family: Mithrantes ottonis Berg., Myrcianthes **fragrans** (Sw) McVaugh., Pimenta adenoclada (Urb.) Burrett., Pimenta racemosa (Miller) J. W. Moore, var. racemosa, Psidium rotundatum Griseb. and Psidium salutare (HBK) Berg., collected in the west region of Cuba, were analyzed by capillary Gas Chromatog.-Mass Spectrometry. Some of their species are endemic from Cuba (Mit. ottonis, P, adenoclada, Psi. rotundatum). Oil yields were 0,6; 1,4; 1,0; 5,0; 3,0 and 1,0 and a total of 25, 21, 33, 26, 47 and 34 volatile compds. were identified, resp. Many of them are reported for the first time.

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 9 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **186136-43-6P**
RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PREP (Preparation); USES (Uses)
(**fragrant** esters for water-sol. films)
RN 186136-43-6 CAPLUS
CN 1-Propanaminium, 3-hydroxy-N,N-dimethyl-N-[2-oxo-2-[(3,7,11-trimethyl-2,6,10-dodecatrienyl)oxy]ethyl]-, chloride (9CI) (CA INDEX NAME)

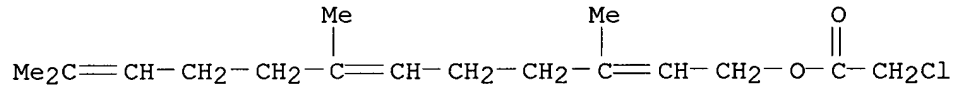
PAGE 1-A



Cl⁻

— $(CH_2)_3$ — OH

IT **186136-42-5P**
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of **fragrant** esters for water-sol. films)
RN 186136-42-5 CAPLUS
CN Acetic acid, chloro-, 3,7,11-trimethyl-2,6,10-dodecatrienyl ester (9CI) (CA INDEX NAME)



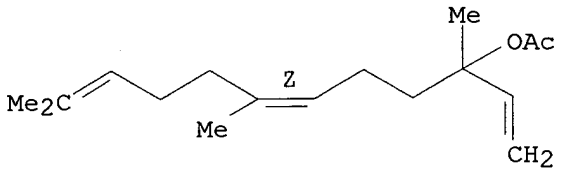
ACCESSION NUMBER: 2002:25927 CAPLUS
DOCUMENT NUMBER: 136:86876
TITLE: Water-soluble thermoplastic film containing **fragrant** esters
INVENTOR(S): Ide, Kazutoshi; Nishimura, Hiroshi
PATENT ASSIGNEE(S): Kao Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002003678	A2	20020109	JP 2000-187153	20000622

PRIORITY APPLN. INFO.: JP 2000-187153 20000622
OTHER SOURCE(S): MARPAT 136:86876
ABSTRACT:
Title film comprises a water-sol. thermoplastic resin, such as polyvinyl alc., and is characterized by contg. a hydrolyzable ester compd. in which at least one of the hydroxy component and the carboxylic acid component is ***fragrant*** . The film may be prepd. by film casting on a drum or an endless belt.

L5 ANSWER 10 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **91050-14-5P**, (Z)-Nerolidol acetate
RL: BSU (Biological study, unclassified); PRP (Properties); PUR (Purification or recovery); BIOL (Biological study); PREP (Preparation)
(compn. of essential oils from New Zealand species of Metrosideros)
RN 91050-14-5 CAPLUS
CN 1,6,10-Dodecatrien-3-ol, 3,7,11-trimethyl-, acetate, (6Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



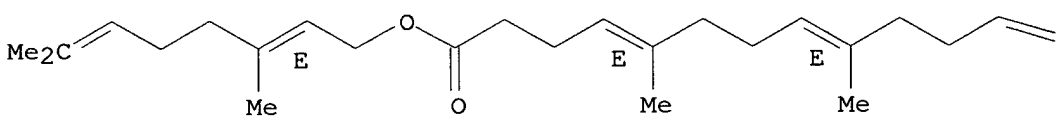
ACCESSION NUMBER: 2001:659329 CAPLUS
DOCUMENT NUMBER: 135:362326
TITLE: Composition of essential oils from seven New Zealand species of Metrosideros (Myrtaceae)
AUTHOR(S): Weston, Roderick J.
CORPORATE SOURCE: Industrial Research Ltd., Lower Hutt, N. Z.
SOURCE: Journal of Essential Oil Research (2001), 13(4), 280-285
CODEN: JEOREG; ISSN: 1041-2905
PUBLISHER: Allured Publishing Corp.
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
The yield, compn. and **fragrance** of the essential oils of 7 Metrosideros species, which are endemic to New Zealand, were examd. by GC-MS. Their compn. clearly divided the species into 2 groups. Group I oils (M. carminea, M. perforata, M. robusta, and M. umbellata) contained abundant levels of monoterpenes (28-58%), while group II oils (M. diffusa, M. excelsa, and M. fulgens) did not (0-2%). All species contained a large no. of sesquiterpenes. The compn. of the oil of each species had characteristic elements. The oil yields were low and their **fragrances** has no outstanding features.

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 11 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **51-77-4**, Gefarnate
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(hair cosmetics contg. gefarnate)
RN 51-77-4 CAPLUS
CN 4,8,12-Tetradecatrienoic acid, 5,9,13-trimethyl-, (2E)-3,7-dimethyl-2,6-octadienyl ester, (4E,8E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

=CMe2

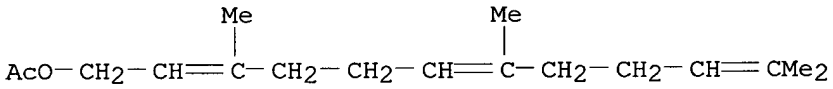
ACCESSION NUMBER: 2001:516179 CAPLUS
DOCUMENT NUMBER: 135:97214
TITLE: Hair cosmetics containing gefarnate

INVENTOR(S): Matsui, Junichi; Ikemoto, Takeshi; Hirotsu, Sachiyo
PATENT ASSIGNEE(S): Kanebo, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001192322	A2	20010717	JP 2000-1370	20000107

PRIORITY APPLN. INFO.: JP 2000-1370 20000107
ABSTRACT:
The cosmetics, useful for prevention and treatment of alopecia, show hair growth stimulation, hair loss prevention, and antidandruff effect. A hair tonic was prepd. from olive oil 5.0, iso-Pr myristate 2.0, isopropylmethylphenol 0.05, polyoxyethylene nonylphenyl ether 0.5, gefarnate 0.1, EtOH 60.0, glycerin 5.0, D-panthenol 0.2, **perfume** 0.1, methylparaben 0.1, and H2O to 100 wt.%.

L5 ANSWER 12 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesyl acetate
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(farnesyl acetate as **fragrance** material)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)

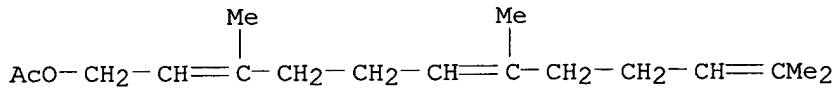


ACCESSION NUMBER: 2000:871766 CAPLUS
DOCUMENT NUMBER: 134:105576
TITLE: Farnesyl acetate
AUTHOR(S): Letizia, C. S.; Cocchiara, J.; Wellington, G. A.; Funk, C.; Api, A. M.
CORPORATE SOURCE: Research Institute for Fragrance Materials, Inc., Hackensack, NJ, 07601, USA
SOURCE: Food and Chemical Toxicology (2000), 38(Suppl. 3), S103-S106
CODEN: FCTOD7; ISSN: 0278-6915
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
In a pre-test for a human maximization study, no skin irritation was obsd. after a 48-h closed patch test with 2% farnesyl acetate (as **fragrance** material) in petrolatum on the backs of human volunteers. The compd. inhibited the growth of Staphylococcus aureus and Pseudomonas aeruginosa.

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 13 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesyl acetate

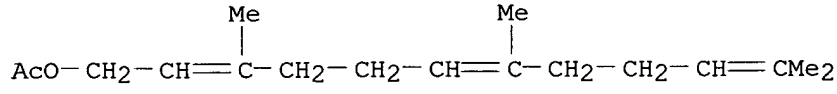
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(effects of essential oils, absolutes and **fragrant** compds. of **perfumes** on free radicals and enzymes)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



ACCESSION NUMBER: 2000:759377 CAPLUS
DOCUMENT NUMBER: 135:24388
TITLE: New and unexpected cosmetic properties of **perfumes**. Effects upon free radicals and enzymes induced by essential oils, absolutes and **fragrant** compounds
AUTHOR(S): Etienne, J. J.; Duc, T. L. Pham.; Simonet, L.; Derbesy, M.
CORPORATE SOURCE: Cosmopolitan Cosmetics, Parfums ROCHAS, Poissy, 78300, Fr.
SOURCE: International Journal of Cosmetic Science (2000), 22(5), 317-328
CODEN: IJCMDW; ISSN: 0142-5463
PUBLISHER: Blackwell Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
The biol. properties of several different **perfume** components have been investigated. It has been demonstrated, through appropriate test methods, that essential oils, absolutes and even compds. show significant (anti/pro)-radical, (anti/pro)-elastasic and (anti/pro)-tyrosinasic activities. These unexpected properties open up new opportunities for the formulation of cosmetic products and could contribute to the understanding of activities traditionally attributed to essential oils by Aromatherapy.

REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 14 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesyl acetate
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(cosmetic and/or dermatol. compn. in form of oil-in-water emulsion formed by lipid vesicles dispersed in aq. phase contg. at least one active hydrophilic acid)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



ACCESSION NUMBER: 2000:573506 CAPLUS
DOCUMENT NUMBER: 133:168183
TITLE: Cosmetic and/or dermatological composition in the form

of an oil-in-water emulsion formed by lipid vesicles dispersed in an aqueous phase containing at least one active hydrophilic acid

INVENTOR(S): Ravaux, Danielle; Laugier, Jean-Pierre
PATENT ASSIGNEE(S): L'Oreal, Fr.
SOURCE: Eur. Pat. Appl., 15 pp.
CODEN: EPXXDW

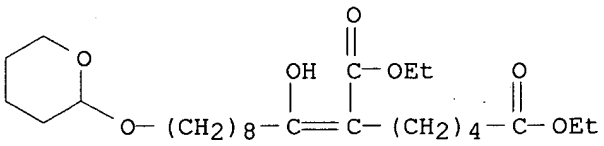
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1027878	A1	20000816	EP 1999-403289	19991227
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2789329	A1	20000811	FR 1999-1387	19990205
FR 2789329	B1	20010302		
KR 2000057824	A	20000925	KR 2000-4263	20000128
BR 2000000613	A	20010502	BR 2000-613	20000202
JP 2000229840	A2	20000822	JP 2000-26700	20000203
US 6416768	B1	20020709	US 2000-499391	20000207

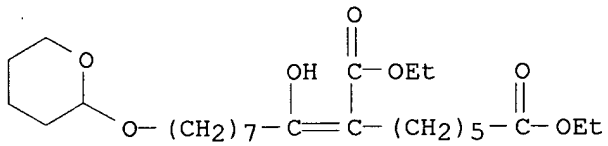
PRIORITY APPLN. INFO.: FR 1999-1387 A 19990205
OTHER SOURCE(S): MARPAT 133:168183
ABSTRACT:
The title compns. are disclosed. A double-compartment bottle contained polyglyceryl-2-stearate 0.2, PEG-8 stearate 0.135, Amisoft HS-20 0.09, isocetyl stearate 0.7, squalane 1.3, and water 7.075 g. The emulsion had a viscosity of about 7 cP at 2.degree. and pH = 7.3. The top of the bottle contained 0.5 g of ascorbic acid. By addn. of the ascorbic acid to the emulsion the pH decreased to 3.3 and the viscosity increased to 850 cP at 25.degree. forming a white cream.

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

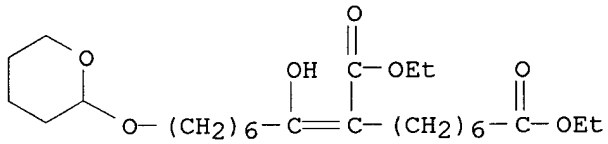
L5 ANSWER 15 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **274921-77-6P 274921-78-7P 274921-79-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(pentadecenolide musk **perfumes**)
RN 274921-77-6 CAPLUS
CN Heptanedioic acid, 2-[1-hydroxy-9-[(tetrahydro-2H-pyran-2-yl)oxy]nonylidene]-, diethyl ester (9CI) (CA INDEX NAME)



RN 274921-78-7 CAPLUS
CN Octanedioic acid, 2-[1-hydroxy-8-[(tetrahydro-2H-pyran-2-yl)oxy]octylidene]-, diethyl ester (9CI) (CA INDEX NAME)



RN 274921-79-8 CAPLUS
CN Nonanedioic acid, 2-[1-hydroxy-7-[(tetrahydro-2H-pyran-2-yl)oxy]heptylidene]-, diethyl ester (9CI) (CA INDEX NAME)



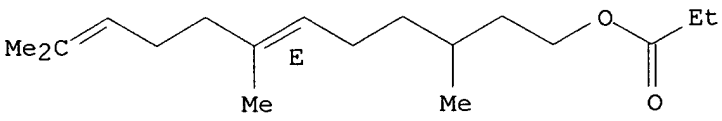
ACCESSION NUMBER: 2000:416695 CAPLUS
DOCUMENT NUMBER: 133:43455
TITLE: New musk **perfumes**
INVENTOR(S): Surburg, Horst; Woerner, Peter; Tochtermann, Werner; Lehmann, Juergen
PATENT ASSIGNEE(S): Haarmann und Reimer G.m.b.H., Germany
SOURCE: Ger. Offen., 14 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19858728	A1	20000621	DE 1998-19858728	19981218

PRIORITY APPLN. INFO.: DE 1998-19858728 19981218
OTHER SOURCE(S): MARPAT 133:43455
ABSTRACT:
Cis-1,15-Pentadecenolides with the double bond in position 5, 6, 7 or 8 are prepd. as **perfume** components. Thus, cis-1,15-pentadec-5-enolide is prepd. in several steps from 10-[(tetrahydropyran-2-yl)oxy]decanoic acid via isoxazolinone derivs.

L5 ANSWER 16 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **81566-44-1 258499-43-3**
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(volatile constituents of seed teguments of Abelmoschus esculentus)
RN 81566-44-1 CAPLUS
CN 6,10-Dodecadien-1-ol, 3,7,11-trimethyl-, propanoate, (6E)- (9CI) (CA INDEX NAME)

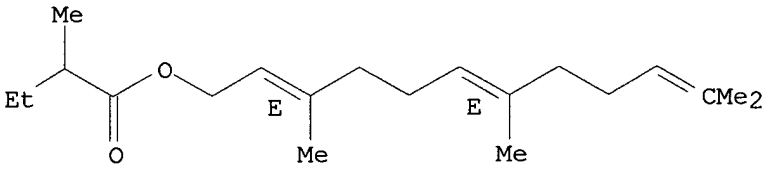
Double bond geometry as shown.



RN 258499-43-3 CAPLUS

CN Butanoic acid, 2-methyl-, (2E,6E)-3,7,11-trimethyl-2,6,10-dodecatrienyl ester (9CI) (CA INDEX NAME)

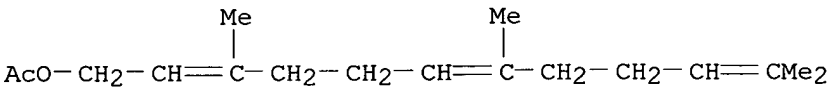
Double bond geometry as shown.



ACCESSION NUMBER: 1999:669431 CAPLUS
DOCUMENT NUMBER: 132:165323
TITLE: Volatile constituents of the seed teguments of Abelmoschus esculentus (L.) Moench
AUTHOR(S): Camciuc, Marius; Vilarem, Gerard; Gaset, Antoine; Bessiere, Jean Marie
CORPORATE SOURCE: Laboratoire de Chimie Agro-Industrielle, Unite associee INRA No. 31A1010, Ecole Nationale Superieure de Chimie de Toulouse, Toulouse, 31077, Fr.
SOURCE: Journal of Essential Oil Research (1999), 11(5), 545-552
CODEN: JEOREG; ISSN: 1041-2905
PUBLISHER: Allured Publishing Corp.
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
Volatile compds. liberated on rubbing the seeds of okra Abelmoschus esculentus (L.) Moench were identified. These substances were shown to be stored in lenticular formations extending along the surfaces of the seeds. Fractionation of an ethanolic ext. of the seed teguments led to identification of more than 40 compds. new to A. esculentus, including a major proportion of aliph. esters and aldehydes such as undecanal and isododecanal, which are largely responsible for the **fragrance** of the seeds.

REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 17 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesyl acetate
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(essential leaf oil compn. of Angophora taxa and possible relationships to Eucalyptus)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



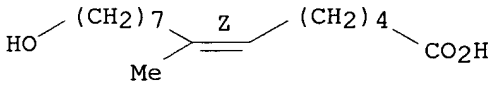
ACCESSION NUMBER: 1999:504058 CAPLUS
DOCUMENT NUMBER: 131:240430
TITLE: Use of gas chromatograms of essential leaf oils to compare eight taxa of genus Angophora (Myrtaceae): possible relationships to the genus Eucalyptus
AUTHOR(S): Dunlop, Peter J.; Bignell, Caroline M.; Brooker, M. I.

H.; Brophy, Joseph J.; Hibbert, D. Brynn
CORPORATE SOURCE: Department of Chemistry, University of Adelaide, Adelaide, 5005, Australia
SOURCE: Biochemical Systematics and Ecology (1999), 27(8), 815-830
CODEN: BSECBU; ISSN: 0305-1978
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
Essential oils were extd. from leaves of eight taxa of the genus Angophora, and then analyzed. As expected the individual components of these oils were essentially the same as those found in the Eucalyptus species of our earlier studies (Bignell et al., 1997b. Flavor **Fragrance** J. 12, 423-432). In addn., as is also the case with the bloodwood eucalypts, only relatively low yields of oil were obtained. In all cases the Cineole component was extremely small, but the oils of six of the eight contained very large concns. of the sesquiterpene Bicyclogermacrene. A table of the 52 major oil components is included. Principal components anal. (PCA) was performed on the gas chromatograms (GC) of the essential oils and the resulting scores plots compared with the cladistic classification of Thiele and Ladiges (1988). Because of the close relationship between genus Angophora and Eucalyptus "subgenus" Corymbia, the GC data for the eight Angophora taxa were combined with corresponding data for eleven randomly chosen taxa from "subgenus" Corymbia (Bignell et al., 1996b, Flavor **Fragrance** J. 11, 339-347; 1997a, Flavor **Fragrance** J. 12, 277-284) and a PCA performed on the total system.

REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

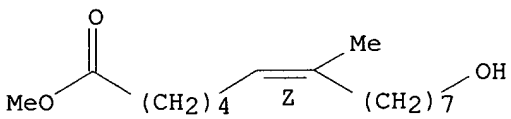
L5 ANSWER 18 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **223103-90-0P 223103-91-1P 223103-92-2P**
223103-96-6P 223103-97-7P 223104-20-9P
223104-22-1P 223104-24-3P 223104-26-5P
223104-43-6P 223104-65-2P 223104-67-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of macrocycles for **perfumes** and cosmetics)
RN 223103-90-0 CAPLUS
CN 6-Tetradecenoic acid, 14-hydroxy-7-methyl-, (6Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 223103-91-1 CAPLUS
CN 6-Tetradecenoic acid, 14-hydroxy-7-methyl-, methyl ester, (6Z)- (9CI) (CA INDEX NAME)

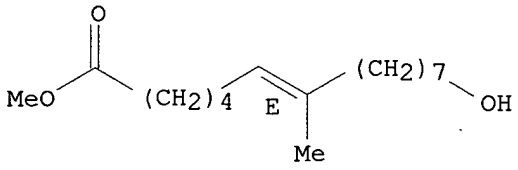
Double bond geometry as shown.



RN 223103-92-2 CAPLUS

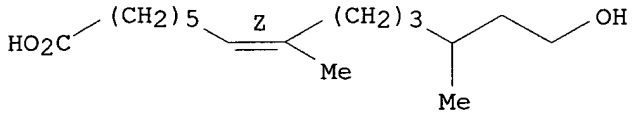
CN 6-Tetradecenoic acid, 14-hydroxy-7-methyl-, methyl ester, (6E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



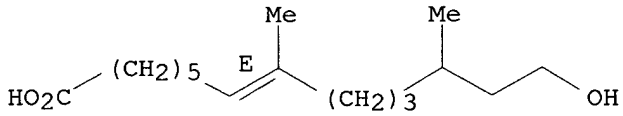
RN 223103-96-6 CAPLUS
CN 7-Tetradecenoic acid, 14-hydroxy-8,12-dimethyl-, (7Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



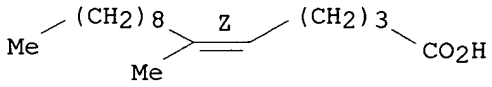
RN 223103-97-7 CAPLUS
CN 7-Tetradecenoic acid, 14-hydroxy-8,12-dimethyl-, (7E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



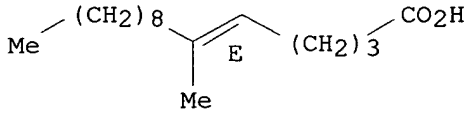
RN 223104-20-9 CAPLUS
CN 5-Pentadecenoic acid, 6-methyl-, (5Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



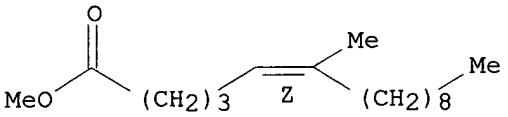
RN 223104-22-1 CAPLUS
CN 5-Pentadecenoic acid, 6-methyl-, (5E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



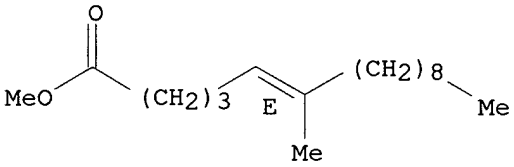
RN 223104-24-3 CAPLUS
CN 5-Pentadecenoic acid, 6-methyl-, methyl ester, (5Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



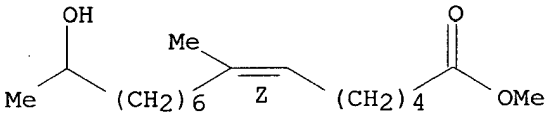
RN 223104-26-5 CAPLUS
CN 5-Pentadecenoic acid, 6-methyl-, methyl ester, (5E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



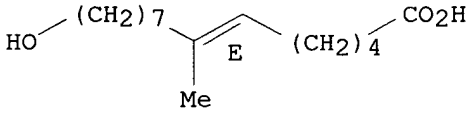
RN 223104-43-6 CAPLUS
CN 6-Pentadecenoic acid, 14-hydroxy-7-methyl-, methyl ester, (6Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



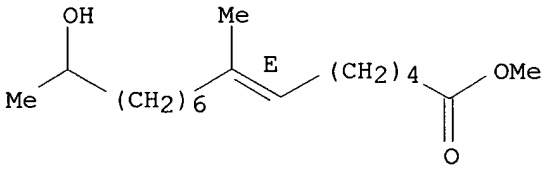
RN 223104-65-2 CAPLUS
CN 6-Tetradecenoic acid, 14-hydroxy-7-methyl-, (6E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 223104-67-4 CAPLUS
CN 6-Pentadecenoic acid, 14-hydroxy-7-methyl-, methyl ester, (6E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



ACCESSION NUMBER: 1999:246877 CAPLUS
DOCUMENT NUMBER: 130:301508
TITLE: Preparation of macrocycles for **perfumes** and

cosmetics
INVENTOR(S): Frater, Georg; Helmlinger, Daniel; Mueller, Urs
PATENT ASSIGNEE(S): Givaudan-Roure (International) S.A., Switz.
SOURCE: Eur. Pat. Appl., 30 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

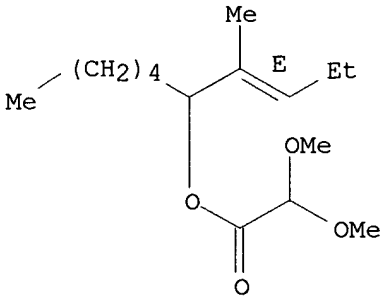
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 908455	A1	19990414	EP 1998-118789	19981005
EP 908455	B1	20020710		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
ES 2179409	T3	20030116	ES 1998-118789	19981005
AU 748249	B2	20020530	AU 1998-88358	19981007
AU 9888358	A1	19990506		
CA 2249843	AA	19990409	CA 1998-2249843	19981008
ZA 9809210	A	19990409	ZA 1998-9210	19981008
JP 11193395	A2	19990721	JP 1998-286839	19981008
SG 78320	A1	20010220	SG 1998-4139	19981008
BR 9803887	A	20000328	BR 1998-3887	19981009
US 6255276	B1	20010703	US 2000-504471	20000216

PRIORITY APPLN. INFO.: CH 1997-2362 A 19971009
US 1998-162175 B1 19980928
OTHER SOURCE(S): MARPAT 130:301508
ABSTRACT:
Macrocyclic compds. are prepd. as aroma substances for use in **perfumes** and cosmetics. Thus,a mixt. of 9Z- and 9E-15-bromopentadec-4-enecarboxylic acids (I) was prepd. by the wittig reaction of (3-carboxypropyl)triphenylphosph onium bromide and 11-bromoundecanal in the presence of potassium tert-butoxide in THF. I was then cyclized to a mixt. of Z- and E-oxacyclohexadece-5-en-2-ones in N-methylpyrrolidone in the presence of K2CO3. This compd. had musk-like odor and was used in cosmetic compns.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

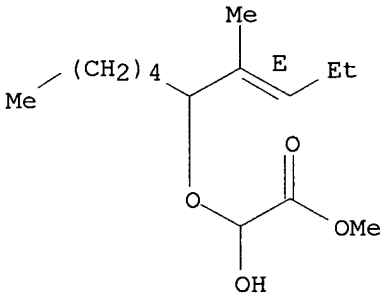
L5 ANSWER 19 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **222991-46-0P 222991-55-1P**
RL: IMF (Industrial manufacture); MOA (Modifier or additive use); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(glyoxylic compds. having one or more active alc. **perfume** groups for delayed release in laundry, cleaning, and personal cleansing compns.)
RN 222991-46-0 CAPLUS
CN Acetic acid, dimethoxy-, 1-[(1E)-1-methyl-1-butenyl]hexyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 222991-55-1 CAPLUS
CN Acetic acid, hydroxy[[1-[(1E)-1-methyl-1-butenyl]hexyl]oxy]-, methyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



ACCESSION NUMBER: 1999:233944 CAPLUS
DOCUMENT NUMBER: 130:298367
TITLE: Glyoxylic compounds having one or more active alcohol **perfume**
INVENTOR(S): Heinzman, Stephen Wayne; Sawyer, Simon; Strife, Robert; Struillou, Arnaud Pierre
PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
SOURCE: PCT Int. Appl., 97 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9916801	A1	19990408	WO 1997-US17835	19971001
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9748064	A1	19990423	AU 1997-48064	19971001
CA 2305392	AA	19990408	CA 1997-2305392	19971003
WO 9916804	A1	19990408	WO 1997-US17933	19971003
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG,				

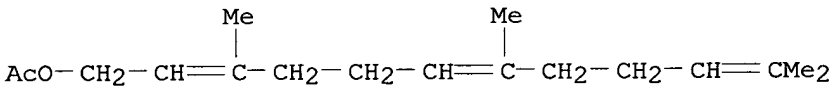
US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

AU 9746073	A1	19990423	AU 1997-46073		19971003
EP 1019444	A1	20000719	EP 1997-944616		19971003
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI					
JP 2001518478	T2	20011016	JP 2000-513886		19971003
US 6559243	B1	20030506	US 2001-509906		20010208
PRIORITY APPLN. INFO.:			WO 1997-US17835	A	19971001
			WO 1997-US17933	W	19971003

ABSTRACT:
R1Ym[CR5[(CR42)qCO2R]O]nR2 [I; .gtoreq.1 of R and R2 = org. chain of active alc. **perfume** and the other = H, alkali metal, NH4, alkyl, alkylene, aryl, alkaryl, or org. chain contg. .ltoreq.1 C atom; R1, R5 = H, OH, alkyl, alkylene, aryl, alkaryl, CO2R3, (CR42)qCO2R3, OR3, or org. chain contg. .gtoreq.1 C atom; R4 = H, OH, alkyl, alkylene, alkaryl, org. chain of active alc. **perfume**, or org. chain contg. .gtoreq.1 C atom; Y = comonomeric unit; m = 0-10,000; n = 1-1000; q = 0-10] are useful in laundry, cleaning, or personal cleansing compns. for delayed release of the active alc. ***perfume*** . A typical I was manufd. by transesterification of Me methoxyacetate with phenylethyl alc.

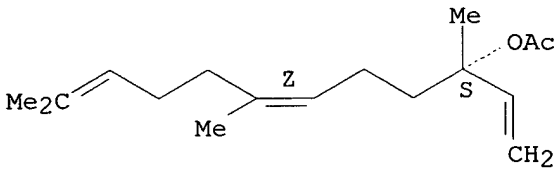
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 20 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesyl acetate **56001-43-5**, Nerolidyl acetate
RL: ANT (Analyte); BUU (Biological use, unclassified); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(temp. effect on GC retention index of **perfumery** compds. on Carbowax columns with different film thicknesses)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



RN 56001-43-5 CAPLUS
CN 1,6,10-Dodecatrien-3-ol, 3,7,11-trimethyl-, acetate, (3S,6Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

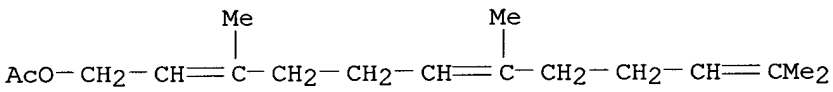


ACCESSION NUMBER: 1999:140762 CAPLUS
DOCUMENT NUMBER: 130:342748
TITLE: Temperature dependence of the retention index for **perfumery** compounds on two Carbowax-20M glass

capillary columns with different film thickness. I. A linear equation
AUTHOR(S): Tudor, Ecaterina
CORPORATE SOURCE: Romanian Academy, Inst. Physical Chemistry, Bucharest, 77208, Rom.
SOURCE: Revue Roumaine de Chimie (1998), 43(7), 587-596
CODEN: RRCHAX; ISSN: 0035-3930
PUBLISHER: Editura Academiei Romane
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
The retention index variation with the column temp. was investigated for a comprehensive set of **perfumery** solutes, on Carbowax-20M glass capillary columns with 0.45 and 0.08 .mu.m film thickness. The retention indexes, the parameters of the linear equation of dependence and even the elution order are different on the 2 columns.

REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

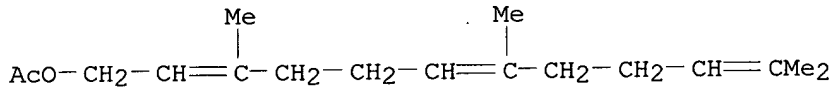
L5 ANSWER 21 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesyl acetate
RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(temp. dependence of retention index for **perfumery** compds. on glass capillary column (Erratum))
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1999:45638 CAPLUS
DOCUMENT NUMBER: 130:172746
TITLE: Temperature dependence of the retention index for **perfumery** compounds on a SE-30 glass capillary column. I. Linear equations. [Erratum to document cited in CA127:225086]
AUTHOR(S): Tudor, Ecaterina
CORPORATE SOURCE: Institute of Physical Chemistry, Romanian Academy, Bucharest, 77208, Rom.
SOURCE: Journal of Chromatography, A (1999), 830(2), 497
CODEN: JCRAEY; ISSN: 0021-9673
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
In Table 1, the heading of the third column (eI 100.degree.C) should read I (exptl. retention index at T.degree.C).

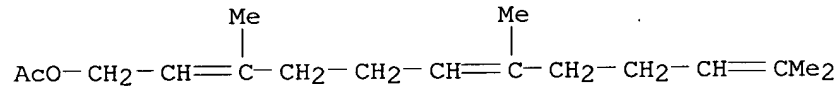
L5 ANSWER 22 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesyl acetate
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(essential oils of leaves and roots of Annona reticulata from South India: gas chromatog./mass spectral anal.)
RN 29548-30-9 CAPLUS

CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1998:76476 CAPLUS
DOCUMENT NUMBER: 128:178135
TITLE: Analysis of the essential oils of leaves and roots of Annona reticulata from South-India
AUTHOR(S): Jirovetz, Leopold; Buchbauer, Gerhard; Shafi, P. Mohamed; Saidutty, A.
CORPORATE SOURCE: Inst. Pharmaceutical Chem., Univ. Vienna, Vienna, A-1090, Austria
SOURCE: Ernaehrung (Vienna) (1998), 22(1), 9-10
CODEN: ERNRDC; ISSN: 0250-1554
PUBLISHER: Fachzeitschriftenverlagsgesellschaft mbH
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
The essential oils of leaves and roots of A. reticulata were investigated by GC/FID and GC/MS using different types of columns and instruments. More than 70 constituents were identified. Sesquiterpenes, like spathulenol, .delta.-cadinene, .alpha.-muurolene, elemol, .beta.-bisabolene, .beta.-caryophyllene, .alpha.-copaene, .alpha.-bergamotene, and .alpha.-eudesmol are predominant (concns. >3%) in these essential oils. The olfactoric properties of the oils and their potential uses as flavors or ***fragrances*** are also discussed.

L5 ANSWER 23 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesyl acetate
RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(temp. dependence of retention index for **perfumery** compds. on glass capillary column)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)

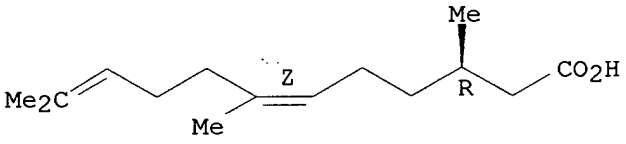


ACCESSION NUMBER: 1997:504979 CAPLUS
DOCUMENT NUMBER: 127:225086
TITLE: Temperature dependence of the retention index for **perfumery** compounds on a SE-30 glass capillary column. I. Linear equations
AUTHOR(S): Tudor, Ecaterina
CORPORATE SOURCE: Institute of Physical Chemistry, Romanian Academy, Spl. Independentei 202, Bucharest, 77208, Rom.
SOURCE: Journal of Chromatography, A (1997), 779(1 + 2), 287-297
CODEN: JCRAEY; ISSN: 0021-9673
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal

LANGUAGE: English
ABSTRACT:
The temp. dependence of the retention index was studied for about 340 ***perfumery*** compds. on an SE-30 glass capillary column within usual temp. ranges. Two linear equations, with column temp. and its reciprocal as variables, were comparatively reported. The first shows a slightly better precision and is more convenient for different applications, particularly for correlation with structure.

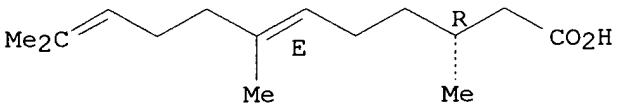
L5 ANSWER 24 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **61769-33-3P 61769-34-4P 194930-13-7P 194930-14-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of dihydrofarnesal stereoisomers from essential oils)
RN 61769-33-3 CAPLUS
CN 6,10-Dodecadienoic acid, 3,7,11-trimethyl-, [R-(Z)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



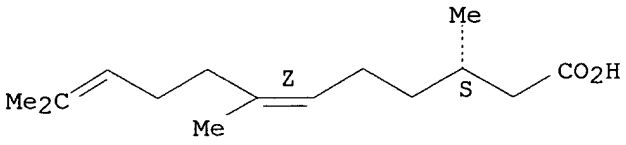
RN 61769-34-4 CAPLUS
CN 6,10-Dodecadienoic acid, 3,7,11-trimethyl-, [R-(E)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



RN 194930-13-7 CAPLUS
CN 6,10-Dodecadienoic acid, 3,7,11-trimethyl-, [S-(Z)]- (9CI) (CA INDEX NAME)

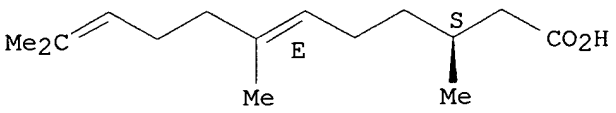
Absolute stereochemistry.
Double bond geometry as shown.



RN 194930-14-8 CAPLUS
CN 6,10-Dodecadienoic acid, 3,7,11-trimethyl-, [S-(E)]- (9CI) (CA INDEX NAME)

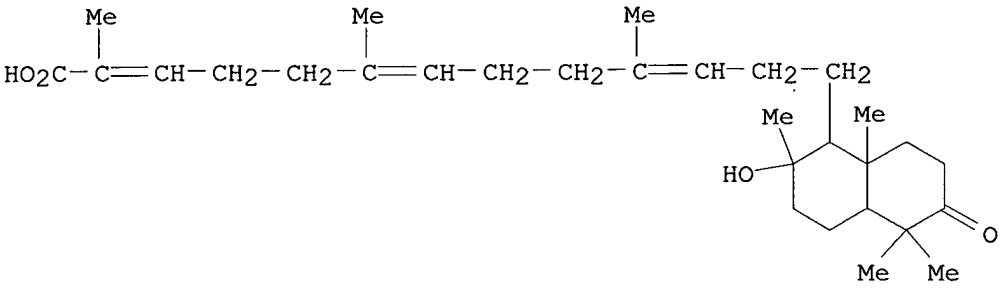
Absolute stereochemistry.

Double bond geometry as shown.

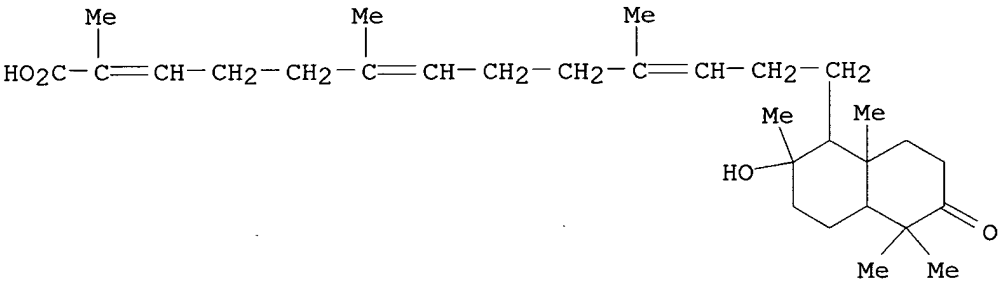


ACCESSION NUMBER: 1997:504573 CAPLUS
DOCUMENT NUMBER: 127:225070
TITLE: Chiral compounds of essential oils XXI: (E,Z)-2,3-dihydrofarnesals-chirospecific analysis and structure elucidation of the stereoisomers
AUTHOR(S): Bartschat, Dietmar; Kuntzsch, Claudia; Heil, Martin; Schittrigkeit, Anette; Schumacher, Katja; Mang, Martin; Mosandl, Armin; Kaiser, Roman
CORPORATE SOURCE: Institut fur Lebensmittelchemie, Biozentrum, Johann Wolfgang Goethe-Universitat Frankfurt, Frankfurt/Main, 60439, Germany
SOURCE: Phytochemical Analysis (1997), 8(4), 159-166
CODEN: PHANEL; ISSN: 0958-0344
PUBLISHER: Wiley
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
A synthetic racemic mixt. of (E,Z)-2,3-dihydrofarnesal was oxidized to the corresponding carboxylic acids and converted to diastereomeric (S)-phenylglycinyl amides which were sepd. by high performance liq. chromatog. Reductive amide cleavage yielded the enantiopure aldehydes. Abs. configurations were derived from proton NMR spectroscopy studies of the diastereomeric amides or from enantioselective anal. of 4-methylhexanoic acid as a product of deoxygenation and oxidative decompn. of the corresponding enantiopure dihydrofarnesols. Using enantioselective multidimensional capillary gas chromatog. (column combination PS 268/heptakis-(2,3-di-O-acetyl-6-Otert-butyldimethylsilyl)-.beta.-cyclodextrin) the direct enantioselective anal. of all four stereoisomers was achieved. The application of this method to the scent of orchids (Aerides jarckianum) and to the blossom ***fragrance*** of Citrus limon proves that genuine (E)-2,3-dihydrofarnesal has an enantiomeric distribution in the range of 85:15 in favor of the (3S)-enantiomer.

L5 ANSWER 25 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **189075-84-1 189075-84-1D**, esters or salts
189075-86-3
RL: BAC (Biological activity or effector, except adverse); BOC (Biological occurrence); BSU (Biological study, unclassified); BUU (Biological use, unclassified); BIOL (Biological study); OCCU (Occurrence); USES (Uses)
(antiwrinkle cosmetic compns. contg. Commiphora exts.)
RN 189075-84-1 CAPLUS
CN 2,6,10-Tridecatrienoic acid, 13-(decahydro-2-hydroxy-2,5,5,8a-tetramethyl-6-oxo-1-naphthalenyl)-2,6,10-trimethyl- (9CI) (CA INDEX NAME)

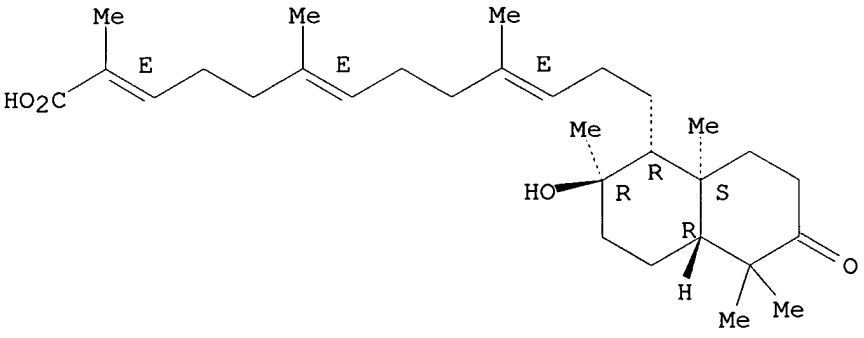


RN 189075-84-1 CAPLUS
CN 2,6,10-Tridecatrienoic acid, 13-(decahydro-2-hydroxy-2,5,5,8a-tetramethyl-6-oxo-1-naphthalenyl)-2,6,10-trimethyl- (9CI) (CA INDEX NAME)



RN 189075-86-3 CAPLUS
CN 2,6,10-Tridecatrienoic acid, 13-(decahydro-2-hydroxy-2,5,5,8a-tetramethyl-6-oxo-1-naphthalenyl)-2,6,10-trimethyl-, [1R-[1.alpha.(2E,6E,10E),2.beta.,4a.beta.,8a.alpha.]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



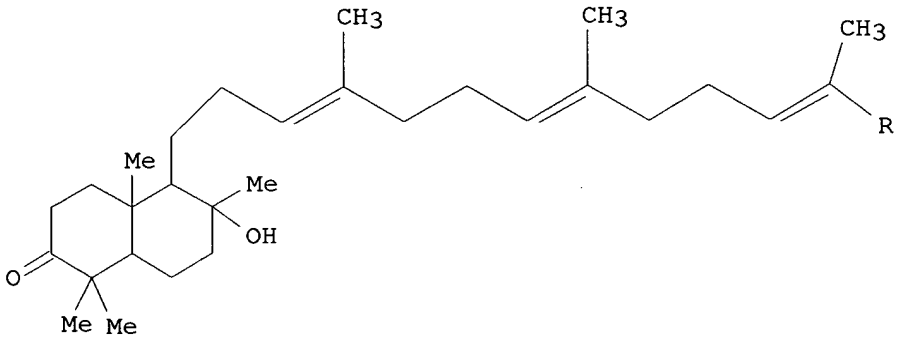
ACCESSION NUMBER:	1997:315058 CAPLUS
DOCUMENT NUMBER:	126:297655
TITLE:	Antiwrinkle cosmetic compositions containing Commiphora extracts
INVENTOR(S):	Andre, Patrice; Lhermite, Stephane; Pellicier, Francoise
PATENT ASSIGNEE(S):	Parfums Christian Dior, Fr.; Andre, Patrice; Lhermite, Stephane; Pellicier, Francoise
SOURCE:	PCT Int. Appl., 28 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent

LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9710196	A1	19970320	WO 1996-FR1415	19960913
W: JP, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
FR 2738565	A1	19970314	FR 1995-10710	19950913
FR 2738565	B1	19971128		
EP 862547	A1	19980909	EP 1996-931125	19960913
EP 862547	B1	20001206		
R: DE, ES, FR, GB, IT				
JP 2000503627	T2	20000328	JP 1997-511717	19960913
JP 3359641	B2	20021224		
ES 2156292	T3	20010616	ES 1996-931125	19960913
JP 2003063945	A2	20030305	JP 2002-197614	19960913
US 5972341	A	19991026	US 1998-29851	19980520

PRIORITY APPLN. INFO.: FR 1995-10710 A 19950913
JP 1997-511717 A3 19960913
WO 1996-FR1415 W 19960913

OTHER SOURCE(S): MARPAT 126:297655
GRAPHIC IMAGE:



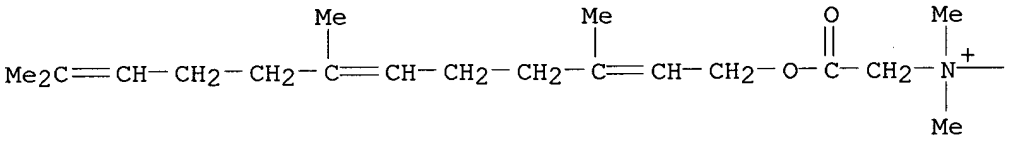
I

ABSTRACT:
Polypodatriene derivs. (I; R = CH2OH, COOH) extd. from a plant of the genus Commiphora, particularly the Commiphora mukul, and salts or esters thereof are described. These products and the exts. contg. them are effective cosmetic agents against wrinkles. Ethanolic ext. of C. mukul had increased the activity of glycero-3-phosphate dehydrogenase enzyme in cultured fibroblasts and thus increased the intracellular synthesis of triglycerides. An antiwrinkle cream contained Brij 72 0.8, Brij 721 2.2, Tegin 90 1.7, stearyl alc. 1.8, stearin 3.0, silicone oil 0.20, squalane 10.0, Miglyol 812 10.0, D,L-.alpha.-tocopherol 0.2, phenonip 0.5, above ext. 0.5, glycerin 5.00, Carbopol-940 0.2, 10% sodium hydroxide 0.07, wheat proteins 5.00, and **fragrances** 0.3%.

L5 ANSWER 26 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **186136-43-6P**
RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(betaine esters for delivery of **fragrance** alcs.)
RN 186136-43-6 CAPLUS

CN 1-Propanaminium, 3-hydroxy-N,N-dimethyl-N-[2-oxo-2-[(3,7,11-trimethyl-2,6,10-dodecatrienyl)oxy]ethyl]-, chloride (9CI) (CA INDEX NAME)

PAGE 1-A

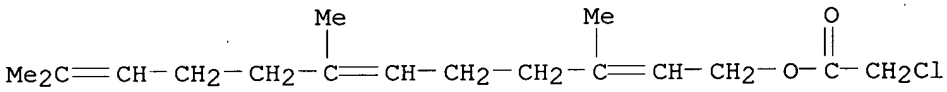


● Cl^-

PAGE 1-B

$-(CH_2)_3-OH$

IT **186136-42-5P**
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and reaction with tertiary amine; betaine esters for delivery of **fragrance** alcs.)
RN 186136-42-5 CAPLUS
CN Acetic acid, chloro-, 3,7,11-trimethyl-2,6,10-dodecatrienyl ester (9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1997:113439 CAPLUS
DOCUMENT NUMBER: 126:119381
TITLE: Betaine esters for delivery of **fragrance** alcohols
INVENTOR(S): Hardy, Frederick Edward; Struillou, Arnaud Pierre
PATENT ASSIGNEE(S): Procter and Gamble Company, USA; Hardy, Frederick Edward; Struillou, Arnaud Pierre
SOURCE: PCT Int. Appl., 130 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9638528	A1	19961205	WO 1996-US6758	19960513
W: BR, CA, CN, CZ, HU, JP, MX, NO, TR, US				
EP 752465	A1	19970108	EP 1995-308269	19951117
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
CA 2222708	AA	19961205	CA 1996-2222708	19960513
CN 1192776	A	19980909	CN 1996-196072	19960513

BR 9608747	A	19990217	BR 1996-8747	19960513
JP 11506486	T2	19990608	JP 1996-536503	19960513

PRIORITY APPLN. INFO.:
EP 1995-303762 19950601
EP 1995-308269 19951117
WO 1996-US6758 19960513

OTHER SOURCE(S): MARPAT 126:119381

ABSTRACT:

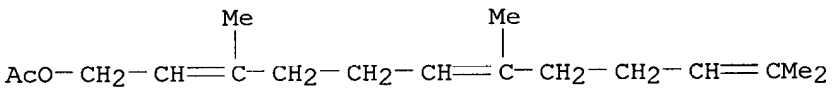
Betaine-ester quaternary ammonium derivs. have an odoriferous alc. as releasable group (**perfume**, biocide, fungicide, etc.), such as geraniol, and are used in laundry detergents, fabric softeners, rinse aids, etc. Chloroacetyl chloride was treated with an equiv. amt. geraniol to give geranyl chloroacetate, which was quaternized with Me3N in Me2CO for 6 h at 0.degree. and 66 h at room temp. to give geranyl betainate (m.p. 92.degree.), useful for delivery of the alc. in detergent formulations.

L5 ANSWER 27 OF 71 CAPLUS COPYRIGHT 2003 ACS

IT **29548-30-9**, Farnesol acetate
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(cosmetic compn. made of an oil in water emulsion based on oily globules coated with a lamellar liq. crystal coating)

RN 29548-30-9 CAPLUS

CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



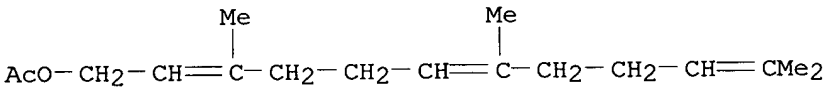
ACCESSION NUMBER: 1995:549397 CAPLUS
DOCUMENT NUMBER: 123:92898
TITLE: Cosmetic composition made of an oil in water emulsion based on oily globules coated with a lamellar liquid crystal coating
INVENTOR(S): Ribier, Alain; Simonnet, Jean Thierry; Griat, Jacqueline
PATENT ASSIGNEE(S): Oreal S. A., Fr.
SOURCE: Eur. Pat. Appl., 17 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 641557	A1	19950308	EP 1994-401880	19940822
EP 641557	B1	19960821		
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
FR 2709666	A1	19950317	FR 1993-10588	19930907
FR 2709666	B1	19951013		
AT 141494	E	19960915	AT 1994-401880	19940822
ES 2094029	T3	19970101	ES 1994-401880	19940822
BR 9403022	A	19950502	BR 1994-3022	19940831
PL 176860	B1	19990831	PL 1994-304928	19940905
CA 2131477	AA	19950308	CA 1994-2131477	19940906
HU 68819	A2	19950728	HU 1994-2567	19940906
HU 215115	B	19980928		
CN 1108089	A	19950913	CN 1994-116003	19940906

CN 1070364	B	20010905			
RU 2124884	C1	19990120	RU 1994-31898		19940906
JP 07165530	A2	19950627	JP 1994-213969		19940907
US 5658575	A	19970819	US 1994-301571		19940907
PRIORITY APPLN. INFO.:			FR 1993-10588	A	19930907

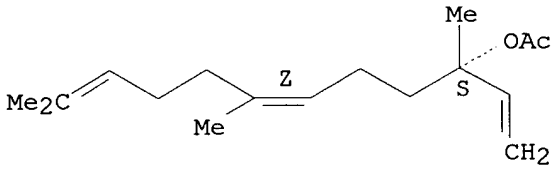
ABSTRACT:
The title cosmetic comprising oily globule with av. diam. of .ltoreq.599 nm, preferably 200 nm, are disclosed. A hydrating cosmetic lotion contained Span-60 1.5, Tween-61 1, stearic acid 0.5, behenic acid 0.25, stearyl heptanoate 3, vaseline 1, volatile silicone oil 4, jojoba oil 2, vitamin E acetate 0.5, Q2-1403 fluid 2, Pr paraben 0.1, **perfume** 0.3, glycerin 5, Me paraben 0.3, propylene glycol 3, triethanolamine 0.25, and water q.s. 100%.

L5 ANSWER 28 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesyl acetate **56001-43-5**
RL: BIOL (Biological study)
(of wild thyme)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



RN 56001-43-5 CAPLUS
CN 1,6,10-Dodecatrien-3-ol, 3,7,11-trimethyl-, acetate, (3S,6Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



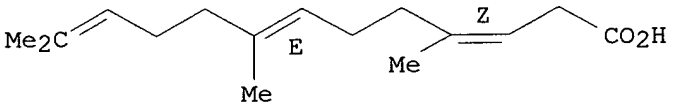
ACCESSION NUMBER:	1995:11786 CAPLUS
DOCUMENT NUMBER:	122:8390
TITLE:	GC-MS-SPECMA bank analysis of Thymus serpyllum praecox (Opiz) Wollm (wild thyme) from Hautes Alpes (France)
AUTHOR(S):	Vernin, G.; Ghiglione, C.; Parkanyi, C.
CORPORATE SOURCE:	Lab. Chim. des Aromes - Oenol. (URA 1411), Fac. des Sci. et Tech. de St-Jerome, Marseille, 13397/20, Fr.
SOURCE:	Developments in Food Science (1994), 34(SPICES, HERBS AND EDIBLE FUNGI), 501-15 CODEN: DFSCDX; ISSN: 0167-4501
DOCUMENT TYPE:	Journal
LANGUAGE:	English

ABSTRACT:
The essential oil from wild thyme (Thymus serpyllum praecox) of French origin was analyzed by gas chromatog.-mass spectrometry (GC-MS) and 95 compds. were identified of 128 compds. sepd. The oil contained 35 hydrocarbons and heterocycles (10 monoterpenes, 20 sesquiterpenes, and 5 misc. compds.), 9 oxides (known as essential oils, such as geranium oil, rose oil, etc.), 16

aldehydes and ketones, 12 esters (mostly terpenic acetates), and 26 alcs. and was high in geranyl acetate, geraniol, and .beta.-caryophyllene. Wild thyme essential oil can be used in the food and **perfume** industries.

L5 ANSWER 29 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **80183-39-7**, (3Z,7E)-4,8,12-Trimethyl-3,7,11-tridecantrienoic acid
99531-12-1, (3E,7E)-4,8,12-Trimethyl-3,7,11-tridecanetrienolic acid
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclocondensation reaction of, into norambreinolide, methanesulfonic acid catalyst for)
RN 80183-39-7 CAPLUS
CN 3,7,11-Tridecatrienoic acid, 4,8,12-trimethyl-, (Z,E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 99531-12-1 CAPLUS
ACCESSION NUMBER: 1994:533953 CAPLUS
DOCUMENT NUMBER: 121:133953
TITLE: Process and catalyst for the preparation of Norambreinolid from homofarnesylic acid
INVENTOR(S): Cassel, Jonathan; Olivero, Alan; Bomhard, Andreas
PATENT ASSIGNEE(S): Henkel K.-G.a.A., Germany
SOURCE: Ger., 4 pp.
CODEN: GWXXAW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4301555	C1	19940707	DE 1993-4301555	19930121
WO 9417053	A1	19940804	WO 1994-EP79	19940112
W: JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 680476	A1	19951108	EP 1994-905045	19940112
EP 680476	B1	19970507		
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL				
JP 08506103	T2	19960702	JP 1994-516622	19940112
JP 3273945	B2	20020415		
AT 152715	E	19970515	AT 1994-905045	19940112
ES 2100693	T3	19970616	ES 1994-905045	19940112

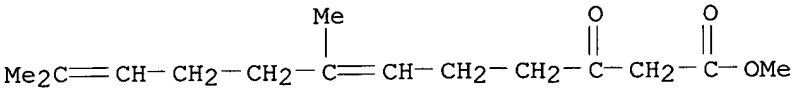
PRIORITY APPLN. INFO.: DE 1993-4301555 A 19930121
WO 1994-EP79 W 19940112
OTHER SOURCE(S): CASREACT 121:133953
ABSTRACT:
Norambreinolide, having a high content of sclareolide and epi-sclareolide, is prepd. by the cyclization of tech.-grade homofarnesylic acid in the presence of a MeSO3H catalyst in an inert org. solvent (e.g., CH2Cl2) at -25.degree. to 0.degree.. Norambreinolide is a valuable intermediate in the **perfume** industry.

L5 ANSWER 30 OF 71 CAPLUS COPYRIGHT 2003 ACS

IT **61666-59-9P 154921-80-9P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and reaction of, in prepn. of **perfume** intermediate)

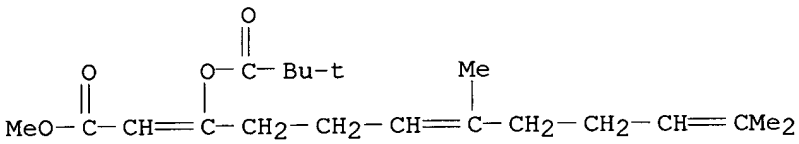
RN 61666-59-9 CAPLUS

CN 6,10-Dodecadienoic acid, 7,11-dimethyl-3-oxo-, methyl ester (9CI) (CA INDEX NAME)



RN 154921-80-9 CAPLUS

CN 2,6,10-Dodecatrienoic acid, 3-(2,2-dimethyl-1-oxopropoxy)-7,11-dimethyl-, methyl ester (9CI) (CA INDEX NAME)



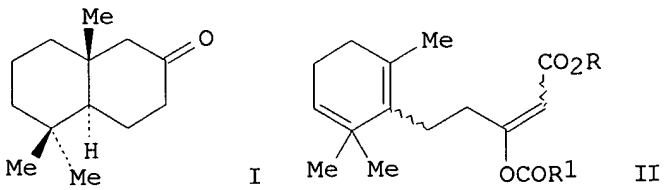
ACCESSION NUMBER: 1994:322824 CAPLUS
DOCUMENT NUMBER: 120:322824
TITLE: Method for the preparation of a bicyclic decalin ketone as intermediate for **perfume**
INVENTOR(S): Snowden, Roger Leslie; Mahaim, Cyril; Simmons, Dana P.
PATENT ASSIGNEE(S): Firmenich S. A., Switz.
SOURCE: Eur. Pat. Appl., 10 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 579991	A2	19940126	EP 1993-110494	19930701
EP 579991	B1	19980916		
R: CH, DE, FR, GB, LI, NL				
US 5386039	A	19950131	US 1993-94679	19930720
JP 06184038	A2	19940705	JP 1993-182634	19930723
US 5453525	A	19950926	US 1994-280909	19940727

PRIORITY APPLN. INFO.: CH 1992-2341 19920724
US 1993-94679 19930720

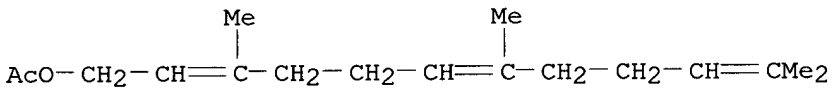
OTHER SOURCE(S): CASREACT 120:322824; MARPAT 120:322824

GRAPHIC IMAGE:



ABSTRACT:
The title compd. I, useful as intermediate for the known **perfume** Polywood, is prepd. by cyclization, e.g., of ester II, followed by decarboxylation. For II, wavy line indicates CC bond with cis or trans configuration; R = C1-6 alkyl; R1 = C3-6 alkyl. Cyclization of Me 7,11-dimethyl-3-(2,2-dimethylpropionoxy)-dodeca-2,6,10-trienoate in toluene contg. sulfuric acid, followed by workup and decarboxylation using NaOH, gave a product contg. 76% I.

L5 ANSWER 31 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**
RL: BIOL (Biological study)
(sedative effects from inhalation of)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)

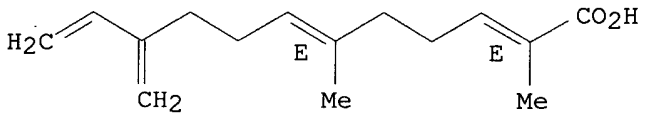


ACCESSION NUMBER: 1993:462896 CAPLUS
DOCUMENT NUMBER: 119:62896
TITLE: **Fragrance** compounds and essential oils with sedative effects upon inhalation
AUTHOR(S): Buchbauer, Gerhard; Jirovetz, Leopold; Jaeger, Walter; Plank, Christine; Dietrich, Hermann
CORPORATE SOURCE: Inst. Pharm. Chem., Univ. Vienna, Vienna, A-1090, Austria
SOURCE: Journal of Pharmaceutical Sciences (1993), 82(6), 660-4
CODEN: JPMSAE; ISSN: 0022-3549
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
Fragrance compds. and essential oils with sedative effects influence the motility of mice in inhalation studies under standardized conditions. A significant drop in the motility of mice was registered following exposure to these **fragrances**. The same results were achieved when the mice were artificially induced into overagitation by i.p. application of caffeine and subsequently subjected to inhalation of **fragrance** compds. and essential oils. These results proved the sedative effects of these ***fragrants*** via inhalation exposure in lower concns. Blood samples were taken from mice after a 1-h inhalation period. Chromatog. and spectroscopic methods were used to detect and characterize the actual effective compds. after solid-phase extn. Serum concns. of 42 different substances, including ***fragrance*** compds., were found in low ranges (ng/mL serum). The results contribute to the correct interpretation of the term aroma therapy (i.e., a stimulating or sedative effect on the behavior of individuals only upon inhalation of **fragrance** compds.).

L5 ANSWER 32 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **17909-75-0P 148278-80-2P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and lithium aluminum hydride redn. of)
RN 17909-75-0 CAPLUS

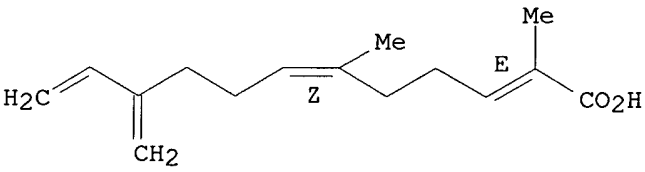
CN 2,6,11-Dodecatrienoic acid, 2,6-dimethyl-10-methylene-, (E,E)- (8CI, 9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 148278-80-2 CAPLUS
CN 2,6,11-Dodecatrienoic acid, 2,6-dimethyl-10-methylene-, (E,Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



ACCESSION NUMBER: 1993:428391 CAPLUS
DOCUMENT NUMBER: 119:28391
TITLE: Preparation of E,E- and E,Z-dimethyl-10-methylenedodeca-2,6,11-trienal (.beta.-sinensal) mixture and its application in **perfumes**
INVENTOR(S): Freise, Michael
PATENT ASSIGNEE(S): Consortium fuer Elektrochemische Industrie GmbH, Germany
SOURCE: Ger. Offen., 3 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

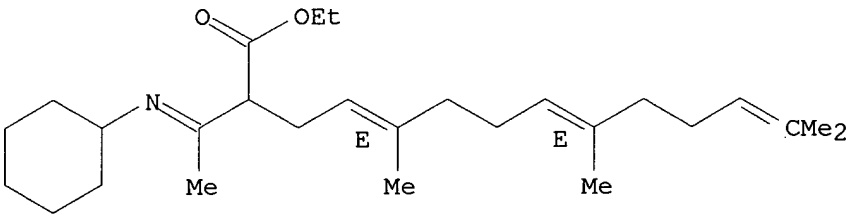
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4127888	A1	19930225	DE 1991-4127888	19910822
DE 4127888	C2	19931216		

PRIORITY APPLN. INFO.: DE 1991-4127888 19910822
OTHER SOURCE(S): CASREACT 119:28391
ABSTRACT:
A process for the prepn. of 2,6-dimethyl-10-methylenedodeca-2,6,11-trienal (RCHO) comprises the condensation of tiglic acid and 3-chloro-2-methyl-6-methyleneocta-1,7-dieneto form the trienecarboxylic acid, RCO2H, followed by redn. (with LiAlH4) to form a trienol, RCH2OH, and then partial oxidn. (with a 10-fold excess of MnO2). RCHO has practical application in **perfume** chem.

L5 ANSWER 33 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **144683-94-3P 144683-95-4P 144684-32-2P**
144684-33-3P 144684-34-4P 144684-35-5P
144684-36-6P 144684-37-7P 144684-38-8P
144684-39-9P 144684-40-2P 144684-41-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

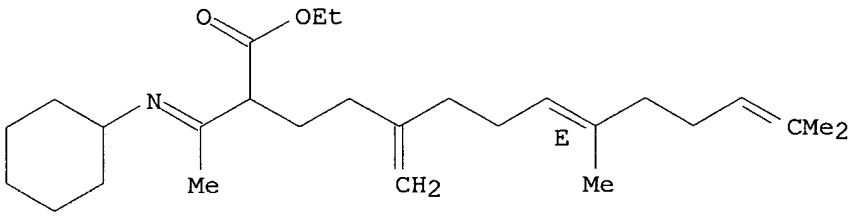
RN 144683-94-3 CAPLUS
CN 4,8,12-Tetradecatrienoic acid, 2-[1-(cyclohexylimino)ethyl]-5,9,13-trimethyl-, ethyl ester, (?,E,E)- (9CI) (CA INDEX NAME)

Double bond geometry as described by E or Z.



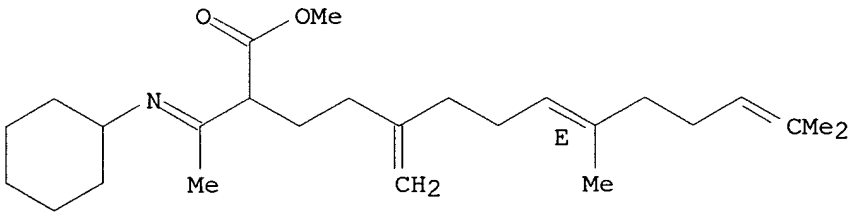
RN 144683-95-4 CAPLUS
CN 8,12-Tetradecadienoic acid, 2-[1-(cyclohexylimino)ethyl]-9,13-dimethyl-5-methylene-, ethyl ester, (?,E)- (9CI) (CA INDEX NAME)

Double bond geometry as described by E or Z.



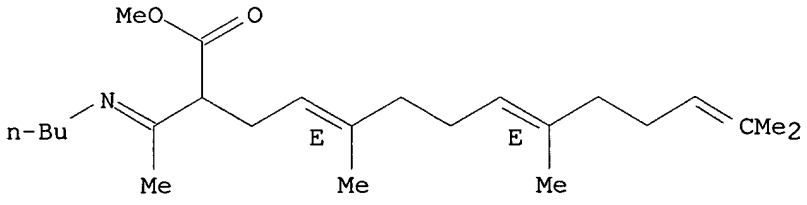
RN 144684-32-2 CAPLUS
CN 8,12-Tetradecadienoic acid, 2-[1-(cyclohexylimino)ethyl]-9,13-dimethyl-5-methylene-, methyl ester, (?,E)- (9CI) (CA INDEX NAME)

Double bond geometry as described by E or Z.



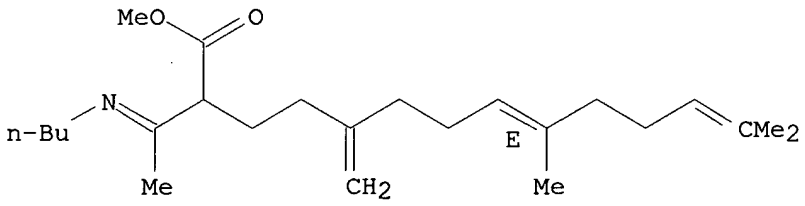
RN 144684-33-3 CAPLUS
CN 4,8,12-Tetradecatrienoic acid, 2-[1-(butylimino)ethyl]-5,9,13-trimethyl-, methyl ester, (?,E,E)- (9CI) (CA INDEX NAME)

Double bond geometry as described by E or Z.



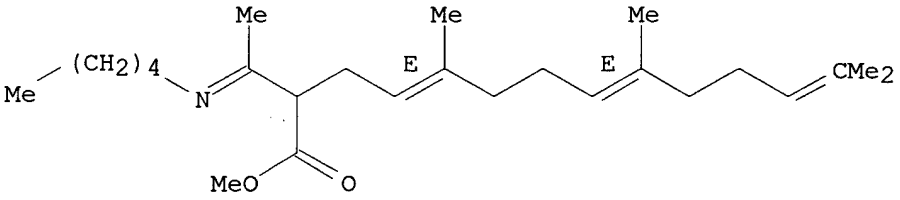
RN 144684-34-4 CAPLUS
CN 8,12-Tetradecadienoic acid, 2-[1-(butylimino)ethyl]-9,13-dimethyl-5-methylene-, methyl ester, (?,E)- (9CI) (CA INDEX NAME)

Double bond geometry as described by E or Z.



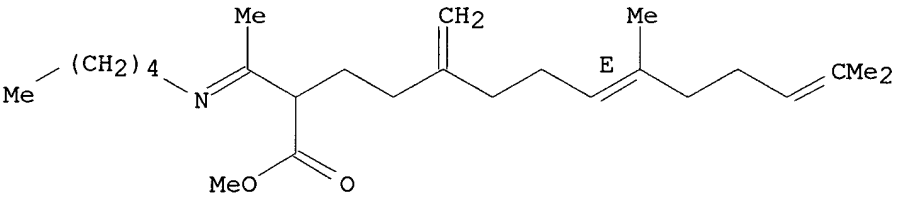
RN 144684-35-5 CAPLUS
CN 4,8,12-Tetradecatrienoic acid, 5,9,13-trimethyl-2-[1-(pentylimino)ethyl]-, methyl ester, (?,E,E)- (9CI) (CA INDEX NAME)

Double bond geometry as described by E or Z.



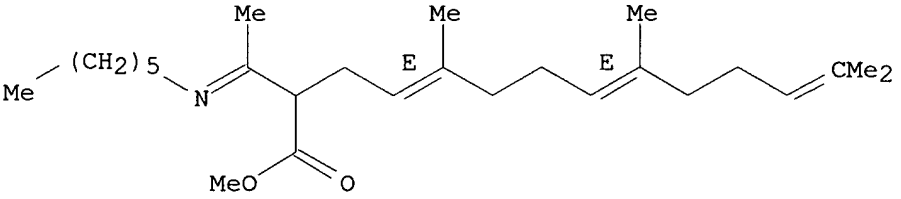
RN 144684-36-6 CAPLUS
CN 8,12-Tetradecadienoic acid, 9,13-dimethyl-5-methylene-2-[1-(pentylimino)ethyl]-, methyl ester, (?,E)- (9CI) (CA INDEX NAME)

Double bond geometry as described by E or Z.



RN 144684-37-7 CAPLUS
CN 4,8,12-Tetradecatrienoic acid, 2-[1-(hexylimino)ethyl]-5,9,13-trimethyl-, methyl ester, (?,E,E)- (9CI) (CA INDEX NAME)

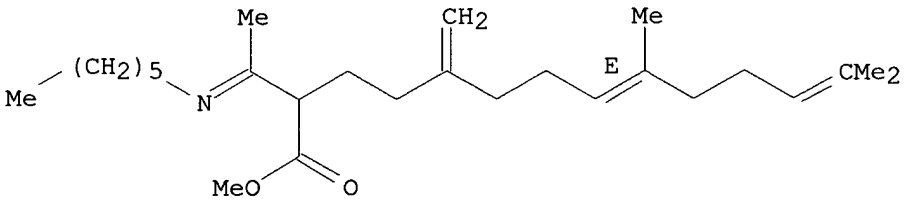
Double bond geometry as described by E or Z.



RN 144684-38-8 CAPLUS
CN 8,12-Tetradecadienoic acid, 2-[1-(hexylimino)ethyl]-9,13-dimethyl-5-

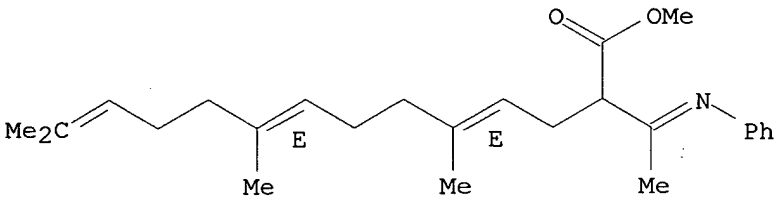
methylene-, methyl ester, (?,E)- (9CI) (CA INDEX NAME)

Double bond geometry as described by E or Z.



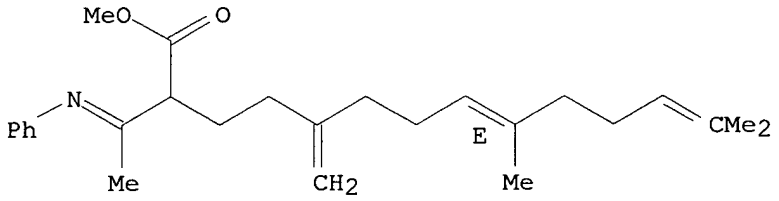
RN 144684-39-9 CAPLUS
CN 4,8,12-Tetradecatrienoic acid, 5,9,13-trimethyl-2-[1-(phenylimino)ethyl]-, methyl ester, (?,E,E)- (9CI) (CA INDEX NAME)

Double bond geometry as described by E or Z.



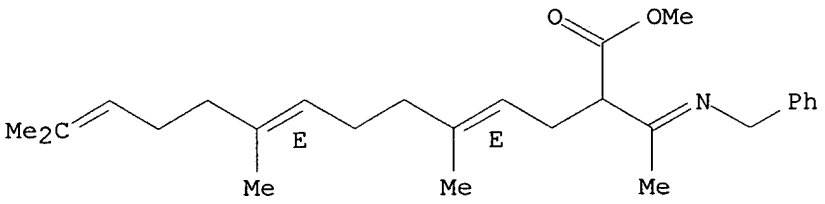
RN 144684-40-2 CAPLUS
CN 8,12-Tetradecadienoic acid, 9,13-dimethyl-5-methylene-2-[1-(phenylimino)ethyl]-, methyl ester, (?,E)- (9CI) (CA INDEX NAME)

Double bond geometry as described by E or Z.



RN 144684-41-3 CAPLUS
CN 4,8,12-Tetradecatrienoic acid, 5,9,13-trimethyl-2-[1-[(phenylmethyl)imino]ethyl]-, methyl ester, (?,E,E)- (9CI) (CA INDEX NAME)

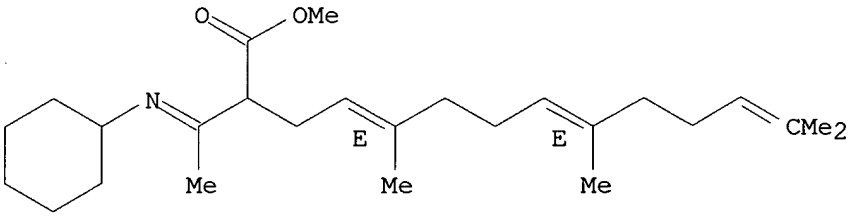
Double bond geometry as described by E or Z.



IT **144683-88-5P 144683-89-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, from farnesene and iminobutanoate)

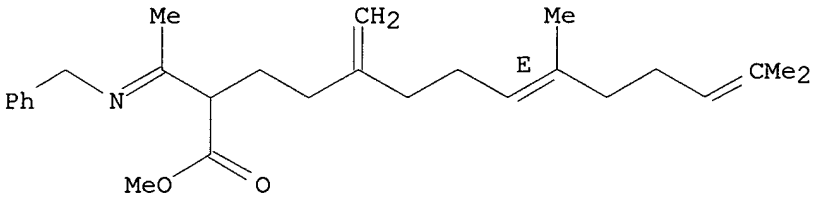
RN 144683-88-5 CAPLUS
CN 4,8,12-Tetradecatrienoic acid, 2-[1-(cyclohexylimino)ethyl]-5,9,13-trimethyl-, methyl ester, (?,E,E)- (9CI) (CA INDEX NAME)

Double bond geometry as described by E or Z.



RN 144683-89-6 CAPLUS
CN 8,12-Tetradecadienoic acid, 9,13-dimethyl-5-methylene-2-[1-[(phenylmethyl)imino]ethyl]-, methyl ester, (?,E)- (9CI) (CA INDEX NAME)

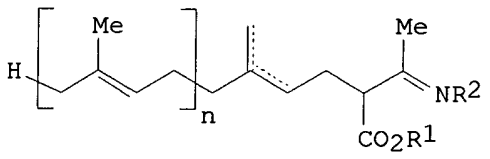
Double bond geometry as described by E or Z.



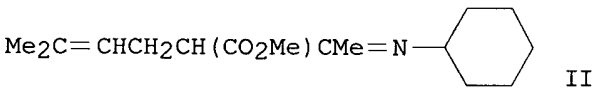
ACCESSION NUMBER: 1993:39203 CAPLUS
DOCUMENT NUMBER: 118:39203
TITLE: Condensation of terpenes with iminobutanoates
INVENTOR(S): Hamabura, Kimio; Urawa, Yoshio; Narabe, Yukio; Hisatake, Yoshihiko; Kijima, Shizumasa
PATENT ASSIGNEE(S): Eisai Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 31 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 503634	A1	19920916	EP 1992-104299	19920312
EP 503634	B1	19951227		
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
JP 04283548	A2	19921008	JP 1991-46536	19910312
JP 2960183	B2	19991006		
CA 2062871	AA	19920913	CA 1992-2062871	19920312
US 5245060	A	19930914	US 1992-849967	19920312
AT 132135	E	19960115	AT 1992-104299	19920312
ES 2082253	T3	19960316	ES 1992-104299	19920312

PRIORITY APPLN. INFO.: JP 1991-46536 19910312
OTHER SOURCE(S): CASREACT 118:39203; MARPAT 118:39203
GRAPHIC IMAGE:



I



II

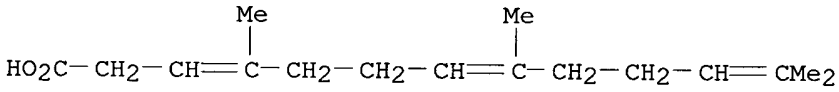
ABSTRACT:
Title compds. [I; R1 = alkyl; R2 = (cyclo)alkyl, cycloalkylalkyl, aryl, arylalkyl, heteroaryl; n = 0-2; one of the dotted lines = double bond], useful for prepn. of drug, food, **perfume**, etc., (no data) were prepd. Thus, [Rh(1,5-cyclooctadiene)(1,4-bisdiphenylphosphinobutane)]perchlorate, Et3N, isoprene, and Me 3-cyclohexyliminobutanoate and acetone were heated in an autoclave at 100.degree. for 6 h to give 84.9% imine II mixt. (58:42 ratio).

L5 ANSWER 34 OF 71 CAPLUS COPYRIGHT 2003 ACS

IT **91853-67-7P**, Homofarnesic acid
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and redn. of)

RN 91853-67-7 CAPLUS

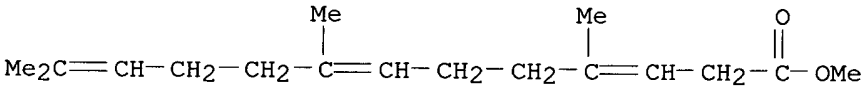
CN 3,7,11-Tridecatrienoic acid, 4,8,12-trimethyl- (6CI, 9CI) (CA INDEX NAME)



IT **99722-99-3**, Methyl homofarnesate
RL: RCT (Reactant); RACT (Reactant or reagent)
(redn. of)

RN 99722-99-3 CAPLUS

CN 3,7,11-Tridecatrienoic acid, 4,8,12-trimethyl-, methyl ester (9CI) (CA INDEX NAME)



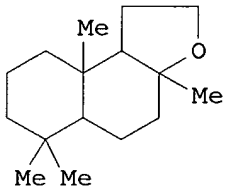
ACCESSION NUMBER: 1992:426848 CAPLUS
DOCUMENT NUMBER: 117:26848
TITLE: Carbonylation of allylic alcohols and synthesis of an ambergris **fragrance** compound
INVENTOR(S): Cassel, Jonathan M.; Hoagland, Steven M.; Renga, James M.
PATENT ASSIGNEE(S): Henkel Research Corp., USA
SOURCE: PCT Int. Appl., 35 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9206063	A2	19920416	WO 1991-US6832	19910923
WO 9206063	A3	19920820		
W: JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
US 5326888	A	19940705	US 1990-594249	19901009
EP 553205	A1	19930804	EP 1991-918961	19910923
EP 553205	B1	19960410		
R: AT, BE, CH, DE, DK, ES, FR, GB, LI				
JP 06501687	T2	19940224	JP 1991-517257	19910923
ES 2089239	T3	19961001	ES 1991-918961	19910923
US 5639894	A	19970617	US 1994-216904	19940323

PRIORITY APPLN. INFO.: US 1990-594249 19901009
WO 1991-US6832 19910923

OTHER SOURCE(S): CASREACT 117:26848; MARPAT 117:26848

GRAPHIC IMAGE:



I

ABSTRACT:
.beta.,.gamma.-Unsatd. carboxylic acids are prepd. by carbonylating an allylic alc. with CO in presence of a Pd halide catalyst and, optionally, an alkali metal halide. The process is applied to nerolidol, farnesol, and their monocyclic analogs and the resulting acids are cyclized to the ambergris ***fragrance*** compd. I. Thus, trans-nerolidol was treated with CO in presence of PdCl2 and LiCl in aq. HCO2H to give 60% homofarnesic acid which was reduced with (MeOCH2CH2O)2AlH to give 73% homofarnesol (II). Cyclization of 1.002g II with BF3.Et2O gave 0.967g I.

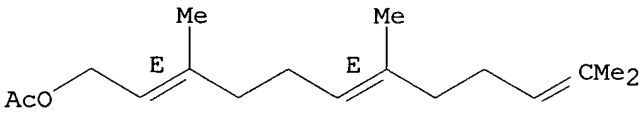
L5 ANSWER 35 OF 71 CAPLUS COPYRIGHT 2003 ACS

IT **4128-17-0P 24163-98-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, by Grignard reaction)

RN 4128-17-0 CAPLUS

CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate, (2E,6E)- (9CI) (CA INDEX NAME)

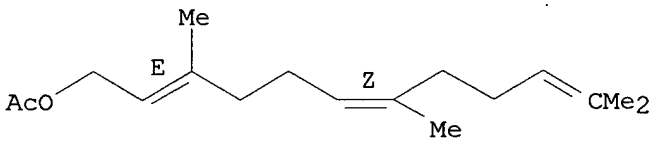
Double bond geometry as shown.



RN 24163-98-2 CAPLUS

CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate, (2E,6Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



ACCESSION NUMBER: 1992:194637 CAPLUS
DOCUMENT NUMBER: 116:194637
TITLE: Preparation of terpenes as intermediates for vitamins, **perfumes**, and flavors
INVENTOR(S): Yamamoto, Takashi; Yanagisawa, Akira
PATENT ASSIGNEE(S): Eisai Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03271236	A2	19911203	JP 1990-71463	19900319

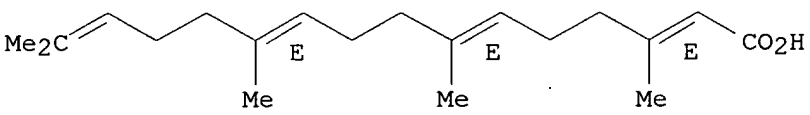
PRIORITY APPLN. INFO.: JP 1990-71463 19900319
OTHER SOURCE(S): CASREACT 116:194637; MARPAT 116:194637
GRAPHIC IMAGE:

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

ABSTRACT:
Terpenes I and II [R = (protected) OH, Q1; M = H, MgO, Q1-Q3; m = 1-4; n = 1-5] are prepd. by treatment of trans-M(CH2CMe:CHCH2)mMgCl (M, m = same as above) with terpenes III or IV (R, n = same as above; X = halo, Y2PO2; Y = PhO, EtO, Me2CHO, cyclohexyloxy, Me2N) in the presence of Cu cyanide and LiCl. Mg was treated with dibromoethane and iodine in THF at 20.degree. for 30 min, treated with THF soln. of prenyl chloride at -30 to -10.degree., treated with THF soln. contg. CuCN and LiCl at -30 to 20.degree. for 30 min, and treated with THF soln. of III [R = Me3CSiMe2O, X = (Me2CHO)2PO2, n = 1] at -78.degree. for 1 h to give 95% 25.4:1 trans,trans- and cis,trans-I [R = Me3CSiMe2O, M = H, m = n = 1].

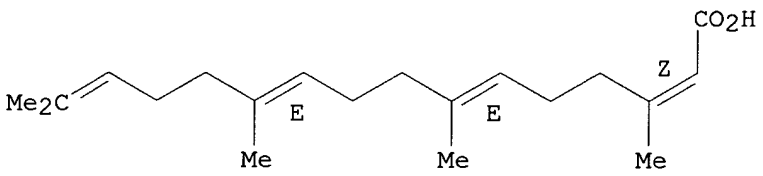
L5 ANSWER 36 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **35750-48-2**, Geranylgeranic acid **89471-07-8**
139509-03-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(esterification of, with tocopherol)
RN 35750-48-2 CAPLUS
CN 2,6,10,14-Hexadecatetraenoic acid, 3,7,11,15-tetramethyl-, (2E,6E,10E)-(9CI) (CA INDEX NAME)

Double bond geometry as shown.



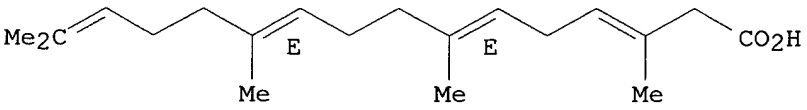
RN 89471-07-8 CAPLUS
CN 2,6,10,14-Hexadecatetraenoic acid, 3,7,11,15-tetramethyl-, (2Z,6E,10E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 139509-03-8 CAPLUS
CN 3,6,10,14-Hexadecatetraenoic acid, 3,7,11,15-tetramethyl-, (?,E,E)- (9CI) (CA INDEX NAME)

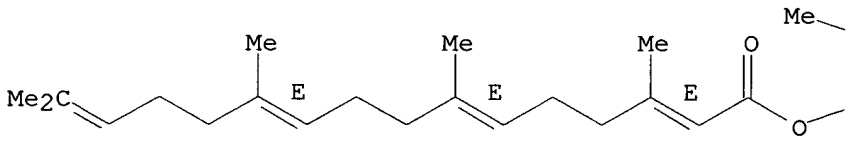
Double bond geometry as described by E or Z.



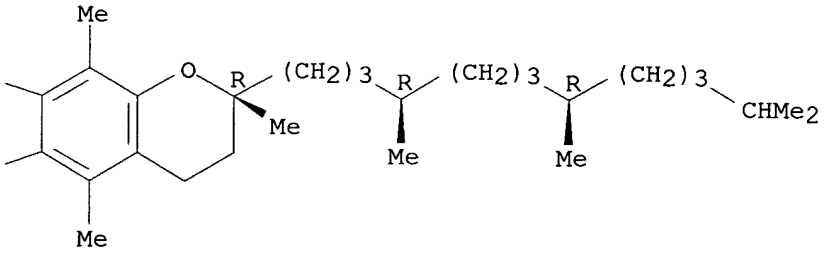
IT **139509-04-9P 139509-05-0P 139563-37-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as **fragrance**-retaining agent and antioxidant)
RN 139509-04-9 CAPLUS
CN 2,6,10,14-Hexadecatetraenoic acid, 3,7,11,15-tetramethyl-, 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-yl ester, [2R-[2R*(4R*,8R*),6(2E,6E,10E)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A



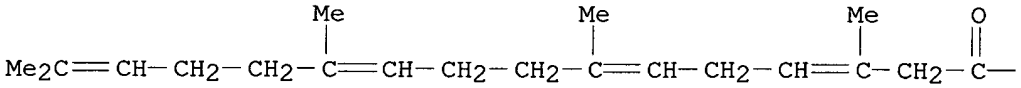
PAGE 1-B



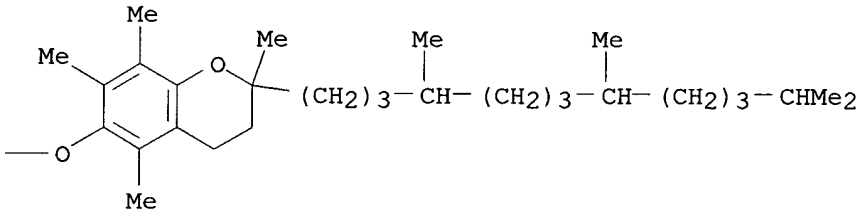
RN 139509-05-0 CAPLUS

CN 3,6,10,14-Hexadecatetraenoic acid, 3,7,11,15-tetramethyl-, 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-yl ester, [2R-[2R*(4R*,8R*),6(2?,6E,10E)]]- (9CI) (CA INDEX NAME)

PAGE 1-A



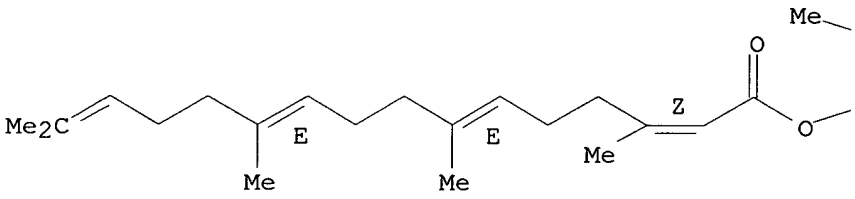
PAGE 1-B



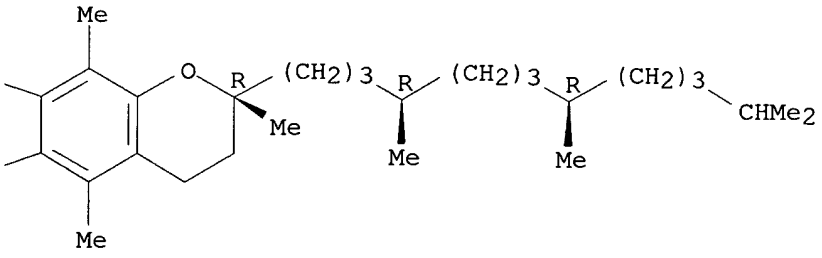
RN 139563-37-4 CAPLUS
CN 2,6,10,14-Hexadecatetraenoic acid, 3,7,11,15-tetramethyl-, 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-yl ester, [2R-[2R*(4R*,8R*),6(2Z,6E,10E)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

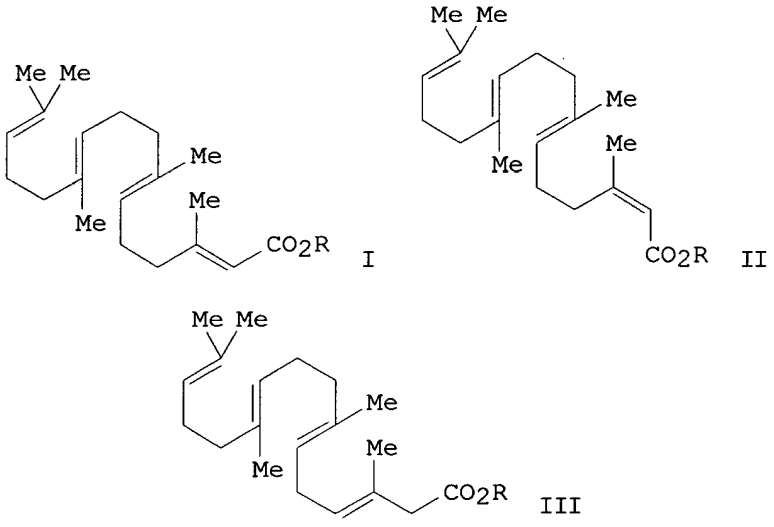


ACCESSION NUMBER: 1992:129326 CAPLUS

DOCUMENT NUMBER: 116:129326
TITLE: Preparation of diterpenic acid .alpha.-tocopheryl esters
INVENTOR(S): Matsui, Masanao; Takagi, Keiichi; Awano, Kenichi; Yanai, Tetsuya; Yamauchi, Tomoe
PATENT ASSIGNEE(S): Hasegawa, T., Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03240784	A2	19911028	JP 1990-32591	19900215
JP 2794317	B2	19980903		

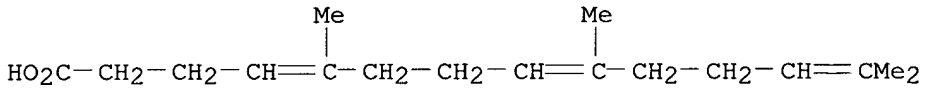
PRIORITY APPLN. INFO.: JP 1990-32591 19900215
GRAPHIC IMAGE:



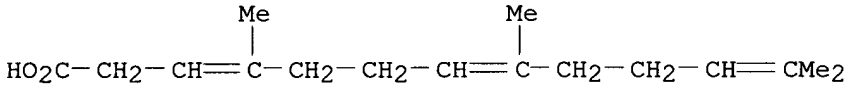
ABSTRACT:
The title esters I, II, and III (R = .alpha.-tocopheryl), useful as ***fragrance*** -retaining agents for **perfumes** and antioxidants for ***perfumes*** and foods, etc., are prepd. I, II, and III may be useful as inflammation inhibitors, blood platelet aggregation inhibitors, and blood vessel-reinforcing agents. A CH2Cl2 soln. of DCC was added dropwise to a mixt. of geranylgeranic acid, .alpha.-tocopherol, DMPA, and CH2Cl2 at room temp. over 15 min and the reaction mixt. was further stirred at room temp. for 15 h to give 58% I. I was added to a lilac **perfume** compn. to show high ***fragrance*** -retaining effect and antioxidant activity.

L5 ANSWER 37 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **23224-49-9 91853-67-7**, 4,8,12-Trimethyl-3,7,11-tridecatrienoic acid
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclization of, by chlorosulfonic acid, (nor)ambreinolide, ambroxide, or ambrox from)

RN 23224-49-9 CAPLUS
CN 4,8,12-Tetradecatrienoic acid, 5,9,13-trimethyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



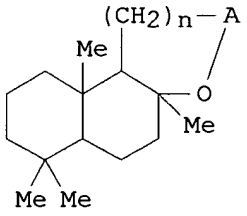
RN 91853-67-7 CAPLUS
CN 3,7,11-Tridecatrienoic acid, 4,8,12-trimethyl- (6CI, 9CI) (CA INDEX NAME)



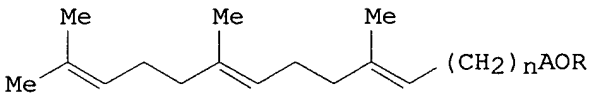
ACCESSION NUMBER: 1991:143747 CAPLUS
DOCUMENT NUMBER: 114:143747
TITLE: Preparation of cyclic terpenes
INVENTOR(S): Oritani, Takayuki; Yamashita, Kiyohei
PATENT ASSIGNEE(S): Kuraray Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02258773	A2	19901019	JP 1989-80595	19890330
JP 06094463	B4	19941124		

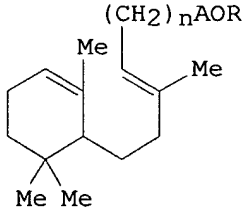
PRIORITY APPLN. INFO.: JP 1989-80595 19890330
OTHER SOURCE(S): MARPAT 114:143747
GRAPHIC IMAGE:



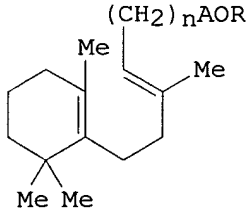
I



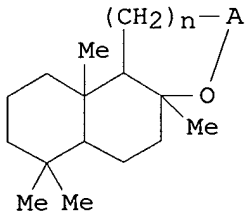
II



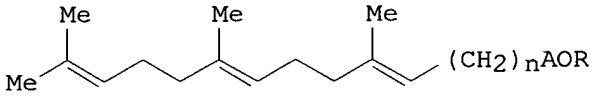
III



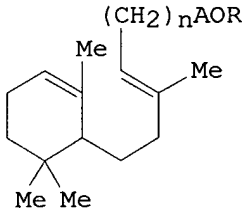
IV



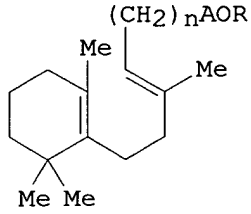
I



II



III

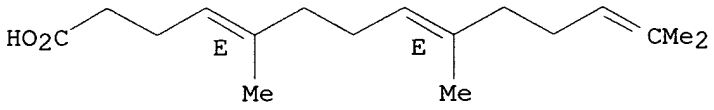


IV

ABSTRACT:
Cyclic terpenes I (A = CH2, CO; n = 1-4; R = H, C1-4 acyl when A = CH2; R = H, C1-4 alkyl when A = CO), useful as animal **perfumes** or their materials, are prepd. by treatment of alkatriene derivs. II, cyclohexene derivs. III, or IV with ClSO3H, followed by treatment with H2O to control temp. A soln. of II (A = CO, R = H, n = 1) in Me2CHNO2 was added to a Me2CHNO2 soln. of ClSO3H at -70.degree. over 2 min and the reaction mixt. was stirred for 20 min, then poured into ice to give (.+-.)-norambreinolide, which was recrystd. to give (.+-.)-9-epi-norambreinolide.

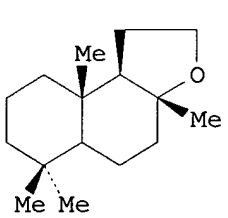
L5 ANSWER 38 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **6040-06-8 99531-12-1**
RL: RCT (Reactant); RACT (Reactant or reagent)
(redn. of, by lithium aluminum hydride)
RN 6040-06-8 CAPLUS
CN 4,8,12-Tetradecatrienoic acid, 5,9,13-trimethyl-, (4E,8E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

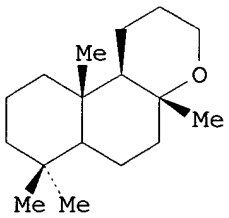


RN 99531-12-1 CAPLUS
ACCESSION NUMBER: 1991:122737 CAPLUS
DOCUMENT NUMBER: 114:122737
TITLE: Synthesis of 3a,6,6,9a-tetramethyl-trans-perhydronaphtho[2,1-b]furan and 4a,7,7,10a-tetramethyl-trans-perhydronaphtho[2,1-b]pyran
AUTHOR(S): Vlad, P. F.; Ungur, N. D.; Perutskii, V. B.
CORPORATE SOURCE: Inst. Khim., Kishinev, 277028, USSR
SOURCE: Khimiya Geterotsiklicheskikh Soedinenii (1990), (7), 896-901
CODEN: KGSSAQ; ISSN: 0453-8234
DOCUMENT TYPE: Journal

LANGUAGE: Russian
OTHER SOURCE(S): CASREACT 114:122737
GRAPHIC IMAGE:



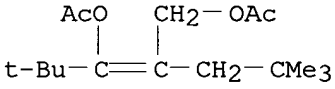
I



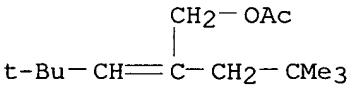
II

ABSTRACT:
Cyclization of E,E-homofarnesol by FSO3H (1:10) in Me2CHNO2 2.5 h at -80 .+-. 2.degree. gave 72.7% ambrox I, 5.5% hydrocarbons, and 17.0% polymeric substances. Analogously, E,E-bishomofarnesol and FSO3H (1:25) 20 h at -47 .+-. 2.degree. gave 69.6% homofiksator (sic) II, 7.4% hydrocarbons, and 19.2% polymeric substances. Both I and II are important compds. for com. ***perfume*** manuf.

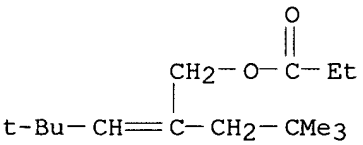
L5 ANSWER 39 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **130165-32-1P 130165-33-2P 130165-39-8P 130185-16-9P**
RL: PREP (Preparation)
(prepn. of, as **perfume** component)
RN 130165-32-1 CAPLUS
CN 2-Pentene-1,3-diol, 2-(2,2-dimethylpropyl)-4,4-dimethyl-, diacetate (9CI) (CA INDEX NAME)



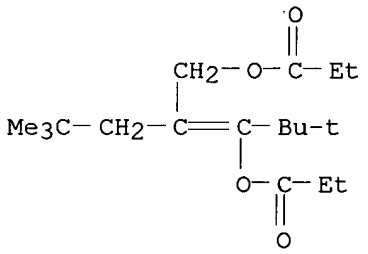
RN 130165-33-2 CAPLUS
CN 2-Penten-1-ol, 2-(2,2-dimethylpropyl)-4,4-dimethyl-, acetate (9CI) (CA INDEX NAME)



RN 130165-39-8 CAPLUS
CN 2-Penten-1-ol, 2-(2,2-dimethylpropyl)-4,4-dimethyl-, propanoate (9CI) (CA INDEX NAME)



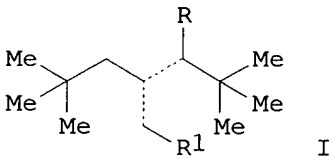
RN 130185-16-9 CAPLUS
CN 2-Pentene-1,3-diol, 2-(2,2-dimethylpropyl)-4,4-dimethyl-, dipropanoate (9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1990:597691 CAPLUS
DOCUMENT NUMBER: 113:197691
TITLE: Preparation of triisobutylene alcohols and esters, for **perfumery** and of their halogenated intermediates
INVENTOR(S): Sprecker, Mark A.; Belko, Robert P.; Hanna, Marie R.
PATENT ASSIGNEE(S): International Flavors and Fragrances Inc., USA
SOURCE: U.S., 31 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4924026	A	19900508	US 1989-392423	19890811
US 4933488	A	19900612	US 1989-456744	19891226
US 4933321	A	19900612	US 1989-457174	19891226

PRIORITY APPLN. INFO.: US 1989-392423 19890811
OTHER SOURCE(S): CASREACT 113:197691; MARPAT 113:197691
GRAPHIC IMAGE:



I

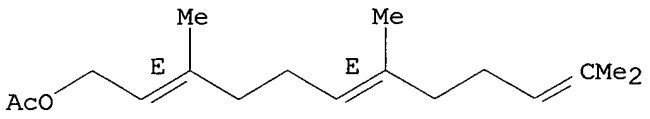
ABSTRACT:
The tri-isobutylene alcs. and esters I (R,R1 = H, OH, C1-3 acyloxy; R .noteq. R1 = H; one dashed line is double bond) are prepd. as **perfume** components. Tri-isobutylene was chlorinated with Cl2 gas in the presence NaHCO3 to give a mixt. of Me3CCH2C(CH2Cl):CHCMe3, Me3CCH2C(CH2Cl):CClCMe3 and Me3CCH2C(:CH2)CHClCMe3. These compds. were acetylated with NaOAc-contg. HOAc, at 100.degree.. The acetylated derivs. augmented a std. pine-musk ***fragrance*** .

L5 ANSWER 40 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **4128-17-0**, trans-2-trans-6-Farnesyl acetate **24163-97-1**, cis-2-cis-6-Farnesyl acetate **24163-98-2**, trans-2-cis-6-Farnesyl

acetate **40266-29-3**, cis-2-trans-6-Farnesyl acetate
RL: BIOL (Biological study)
(of Abelmoschus moschatus seed oil)

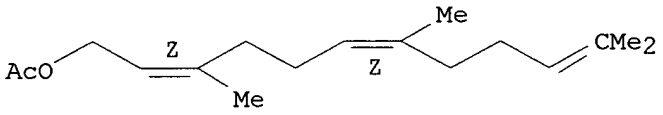
RN 4128-17-0 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate, (2E,6E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



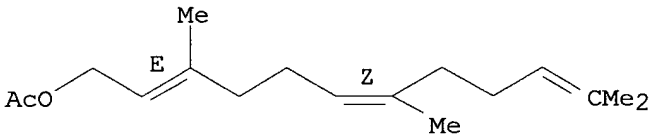
RN 24163-97-1 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate, (2Z,6Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



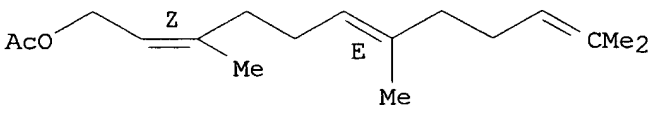
RN 24163-98-2 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate, (2E,6Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 40266-29-3 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate, (2Z,6E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

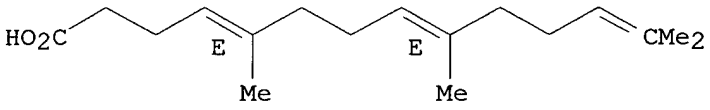


ACCESSION NUMBER: 1990:520594 CAPLUS
DOCUMENT NUMBER: 113:120594
TITLE: The chemical constituents of the essential oil from ambrette seeds
AUTHOR(S): Tang, Yuanjiang; Zhou, Tiesheng; Ding, Jingkai; Sun, Handong
CORPORATE SOURCE: Yunnan Perfume Fragrances Res. Dev. Cent., Kunming, Peop. Rep. China
SOURCE: Yunnan Zhiwu Yanjiu (1990), 12(1), 113-14
CODEN: YCWCDP; ISSN: 0253-2700

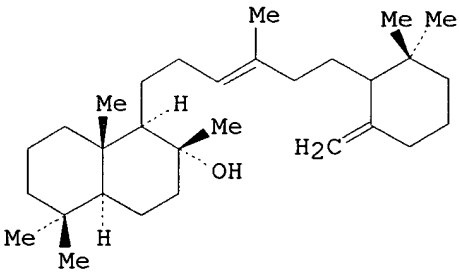
DOCUMENT TYPE: Journal
LANGUAGE: Chinese
ABSTRACT:
The essential oil from Abelmoschus moschatus (ambrette) seeds is used in ***perfume*** manuf. Twenty-seven compds. were identified in this oil, the major ones being trans-2-trans-b-farnesyl acetate (64.22%) and ambrettolide (14.96%).

L5 ANSWER 41 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **6040-06-8**, (4E,8E)-Farnesylacetic acid
RL: RCT (Reactant); RACT (Reactant or reagent)
(biomimetic cyclization of)
RN 6040-06-8 CAPLUS
CN 4,8,12-Tetradecatrienoic acid, 5,9,13-trimethyl-, (4E,8E)- (9CI) (CA INDEX NAME)

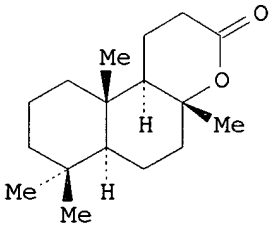
Double bond geometry as shown.



ACCESSION NUMBER: 1990:497849 CAPLUS
DOCUMENT NUMBER: 113:97849
TITLE: Synthesis of ambrein
AUTHOR(S): Oritani, Takayuki; Yamashita, Kyohei; Matsui, Masanao
CORPORATE SOURCE: Fac. Agric., Tohoku Univ., Sendai, 981, Japan
SOURCE: Agricultural and Biological Chemistry (1990), 54(2), 571-3
CODEN: ABCHA6; ISSN: 0002-1369
DOCUMENT TYPE: Journal
LANGUAGE: English
GRAPHIC IMAGE:



I

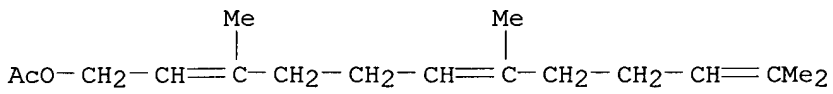


II

ABSTRACT:
(+)-Ambrein (I), a major constituent of ambergris, was prepd. from (+)-ambreinolide (II) and 1-(bromomethyl)-3,3-dimethyl-1-cyclohexene.

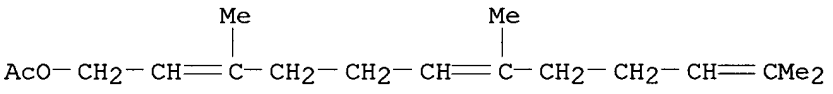
L5 ANSWER 42 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesyl acetate
RL: BIOL (Biological study)
(of Cananga odorata flower oils, plant source and flowering period

effect on)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1989:82262 CAPLUS
DOCUMENT NUMBER: 110:82262
TITLE: Constituents of the essential oils from Cananga odorata of different varieties and at different flowering periods
AUTHOR(S): Ding, Jingkai; Yi, Yuanfen; Wu, Yu; Ding, Zhihui; Sun, Handong; Liu, Zeguang; Dao, Sihua
CORPORATE SOURCE: Kunming Inst. Bot., Acad. Sin., Kunming, Peop. Rep. China
SOURCE: Yunnan Zhiwu Yanjiu (1988), 10(3), 331-4
CODEN: YCWCDP; ISSN: 0253-2700
DOCUMENT TYPE: Journal
LANGUAGE: Chinese
ABSTRACT:
Esters, alcs., phenolic ethers, and sesquiterpenes were identified in the oil from C. odorata, used for manuf. of **perfumes**. High quality ***fragrance*** correlated with lower contents of sesquiterpenes and sesquiterpene alcs. Essential oils obtained when the flowers were changing from green to yellow showed high quality **fragrance**. Three varieties of C. odorata were different in their essential oil compn.

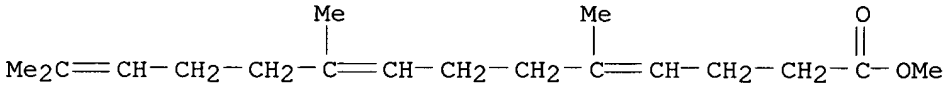
L5 ANSWER 43 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**
RL: BIOL (Biological study)
(of pine oils)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1986:539399 CAPLUS
DOCUMENT NUMBER: 105:139399
TITLE: Essential oils of Auvergne resins. Pinus sylvestris, spruce, fir tree and Vancouver and Douglas firs
AUTHOR(S): Chalchat, J. C.; Garry, R. P.; Michet, A.
CORPORATE SOURCE: Lab. Chim. Org., Univ. Clermont, Aubiere, 63170, Fr.
SOURCE: Parfums, Cosmetiques, Aromes (1986), 69, 55-8
CODEN: PCARDV; ISSN: 0337-3029
DOCUMENT TYPE: Journal
LANGUAGE: French
ABSTRACT:
The constituents of oils of P. sylvestris (2 chemotypes), Picea abies, Abies alba and A. grandis, and Pseudotsuga menziesii were studied. .alpha.-Pinene [80-56-8] (8.16-41.10%), .beta.-pinene [127-91-3] (3.00-28.43%), and limonene [5989-27-5] (0.90-34.10%) were the main constituents. In P. sylvestris

chemotype A oil, .DELTA.3-carene [13466-78-9] (43.90%) was the major constituent, while in the chemotype .beta. oil of the same species it was present only in trace amts. The biosynthesis of .DELTA.3-carene and .alpha.- and .beta.-pinene is discussed. The oils can be used in **perfumery**.

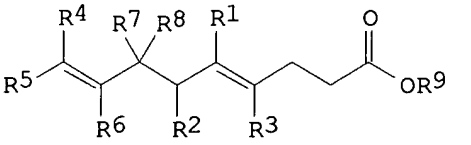
L5 ANSWER 44 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **94259-46-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as intermediate for **perfume**)
RN 94259-46-8 CAPLUS
CN 4,8,12-Tetradecatrienoic acid, 5,9,13-trimethyl-, methyl ester (7CI, 9CI) (CA INDEX NAME)



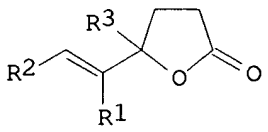
ACCESSION NUMBER: 1986:497750 CAPLUS
DOCUMENT NUMBER: 105:97750
TITLE: Unsaturated carboxylic acid esters
INVENTOR(S): Fujisawa, Tamotsu
PATENT ASSIGNEE(S): Kuraray Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 60260537	A2	19851223	JP 1984-117859	19840607
JP 04012258	B4	19920304		

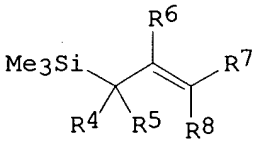
PRIORITY APPLN. INFO.: JP 1984-117859 19840607
OTHER SOURCE(S): CASREACT 105:97750
GRAPHIC IMAGE:



I



II

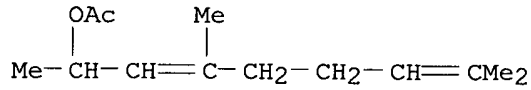


III

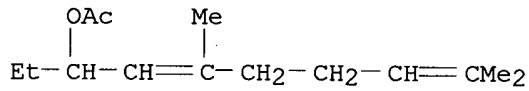
ABSTRACT:
Title compds. I (R1, R2, R3, R7, R8 = H, alkyl; R4, R5, R6 = H, alkyl, alkenyl, R9 = alkyl), useful as intermediates for **perfumes**, were prepd. by reaction of .gamma.-butyrolactones II with allyltrimethylsilanes III in the presence of (R9)3O+ BF4-. Thus, stirring 131 mg .gamma.-methyl-.gamma.-vinyl-

.gamma.-butrolactone with 438 mg 2-trimethylsilylmethyl-1,3-butadiene, and 131 mg Me3O+ BF4- in CH2Cl2 at room temp. for 71 h gave 83% Me 4-methyl-8-methylene-4,9-decadienoate. The latter compd. was converted to trans,trans-.beta.-sinensal in 2 steps.

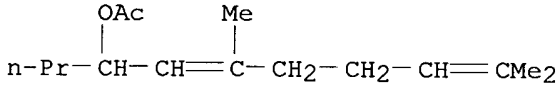
L5 ANSWER 45 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **91418-25-6P 91418-26-7P 91418-28-9P**
91418-30-3P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and odor of)
RN 91418-25-6 CAPLUS
CN 3,7-Nonadien-2-ol, 4,8-dimethyl-, acetate (9CI) (CA INDEX NAME)



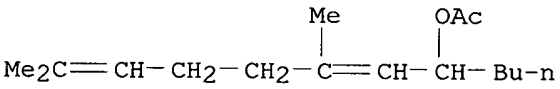
RN 91418-26-7 CAPLUS
CN 4,8-Decadien-3-ol, 5,9-dimethyl-, acetate (9CI) (CA INDEX NAME)



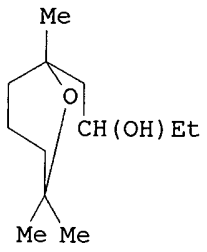
RN 91418-28-9 CAPLUS
CN 5,9-Undecadien-4-ol, 6,10-dimethyl-, acetate (9CI) (CA INDEX NAME)



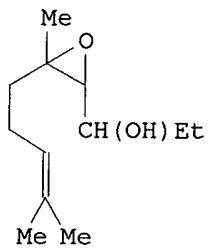
RN 91418-30-3 CAPLUS
CN 6,10-Dodecadien-5-ol, 7,11-dimethyl-, acetate (9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1984:491243 CAPLUS
DOCUMENT NUMBER: 101:91243
TITLE: A search for new aroma chemicals. Part IV. Chemical transformations of citral into **perfumery** products
AUTHOR(S): Agarwal, V. K.; Thappa, R. K.; Agarwal, S. G.; Mehra, M. S.; Dhar, K. L.; Atal, C. K.
CORPORATE SOURCE: Reg. Res. Lab., Jammu-Tawi, India
SOURCE: Indian Perfumer (1983), 27(2), 112-18
CODEN: IPERAS; ISSN: 0019-607X
DOCUMENT TYPE: Journal
LANGUAGE: English
GRAPHIC IMAGE:



II



III

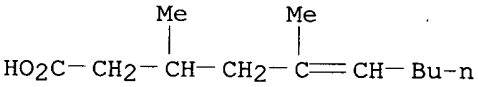
ABSTRACT:
Grignard reactions of citral with RMgX (R = Me, X = I; R = Et, Pr, Bu, X = Br) gave alcs. Me2C:CHCH2CH2CMe:CHCH(OH)R (I) which were acetylated to give the acetates or oxidized by CrO3/pyridine to give Me2C:CHCH2CH2CMe:CHCOR. Epoxidn. of I (R = Et) by Hg acetate gave epoxide II which was converted to its acetate; epoxidn. by m-ClC6H4C(O)OOH gave epoxide III. Odors for all substances are described.

L5 ANSWER 46 OF 71 CAPLUS COPYRIGHT 2003 ACS

IT **81547-45-7P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. and antibacterial activity of)

RN 81547-45-7 CAPLUS

CN 5-Decenoic acid, 3,5-dimethyl- (9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1982:597839 CAPLUS
DOCUMENT NUMBER: 97:197839
TITLE: Liquid branched higher alkan-1-ols
PATENT ASSIGNEE(S): Maruzen Petrochemicals Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

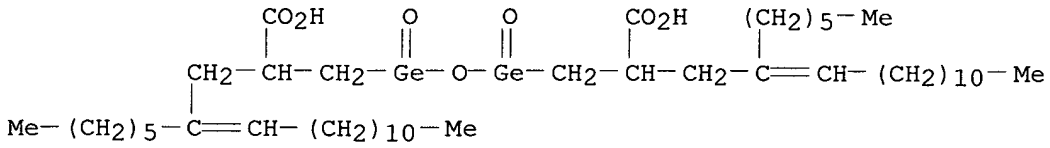
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 57095927	A2	19820615	JP 1980-172449	19801205
JP 61001055	B4	19860113		

PRIORITY APPLN. INFO.: JP 1980-172449 19801205

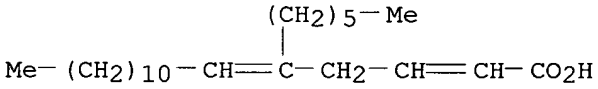
ABSTRACT:
Eight RZ[CH2CH[(CH2)aMe]CH2Z]nZ1(CH2)mOH [I, R = Me(CH2)aCHMe, Me(CH2)a+2; Z = CH2CH:CR1 (R1 = H, Me), CH2CH2CHR1; Z1 = CH2CH[(CH2)aMe]CH2, CH:CMeCH2, CH2C(:CH2)CH2; n = 0-3; m = 1-3; a = 0-1] were prepd. and used as ***perfumes*** , antibacterials, cosmetics, surfactants, etc.; the min. inhibition concns. of I were shown against Straph. auerus, B. subtilis, Asp. niger, and Sacch. cerevisiae. Thus, 68.2 g Me(CH2)3CH:CHCH2CHMeCH2CO2H in Et2O was added to 24.8 g LiAlH4 in Et2O over 2 h at room temp. and the whole

refluxed 4 h to give 53.9 g Me(CH2)3CH:CHCH2CHMeCH2CH2OH.

L5 ANSWER 47 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **78130-74-2P**
RL: PREP (Preparation)
(prepn. of, for acne treatment)
RN 78130-74-2 CAPLUS
CN 4-Hexadecenoic acid, 2,2'-[(1,3-dioxo-1,3-digermoxanediyl)bis(methylene)]bis[4-hexyl- (9CI) (CA INDEX NAME)



IT **78114-60-0**
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with trichlorogermanium triethylamine)
RN 78114-60-0 CAPLUS
CN 2,5-Heptadecadienoic acid, 5-hexyl- (9CI) (CA INDEX NAME)



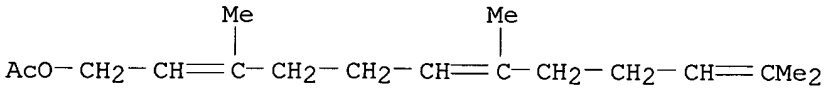
ACCESSION NUMBER: 1981:449192 CAPLUS
DOCUMENT NUMBER: 95:49192
TITLE: Preparation of organic germanium compounds for cosmetics
PATENT ASSIGNEE(S): Pola Chemical Industries, Inc., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 56030916	A2	19810328	JP 1979-107477	19790823
JP 63028070	B4	19880607		

PRIORITY APPLN. INFO.: JP 1979-107477 19790823
ABSTRACT:
Cosmetic materials are formulated with org. Ge compds. such as bis[[1-(carboxymethyl)-3-octyltridecyl]germanium] trioxide (I) [78130-77-5]. Four org. Ge compds. were synthesized. I was prepd. by treating GeCl4 with Et3N to obtain a salt that was treated with 2-octyldodecylacrylic acid [78114-57-5] in the presence of THF and HCO2H. A topical cream for the treatment of acne was prepd. by combining I 1, squalane 10, petrolatum 9, beeswax 3, microcryst. wax 9, spermaceti wax 3, iso-Pr myristate 12, polyethylene glycol stearate 4.6, sorbitan monostearate 5, propylene glycol 10, and water 33.4 wt.% plus **perfumes** and preservatives.

L5 ANSWER 48 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**

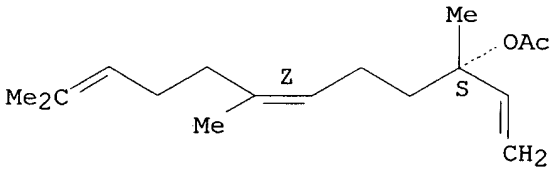
RL: BIOL (Biological study)
(of lily of the valley oil)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1981:90022 CAPLUS
DOCUMENT NUMBER: 94:90022
TITLE: Muguet in **perfumery** - a review of lily of the valley
AUTHOR(S): Boelens, Mans; Wobben, Henk J.; Heydel, Joe
CORPORATE SOURCE: Naarden Int. Holland, Naarden, Neth.
SOURCE: Perfumer & Flavorist (1980), 5(6), 1, 3-6, 8
CODEN: PEFLDI; ISSN: 0361-8587
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
The compn. of lily of the valley (Convallaria majalis) essential oil, including 20 compds. not previously identified, was discussed, and com. chems. used to add lily of the valley notes to **fragrances** developed in 1926 to 1980 are described.

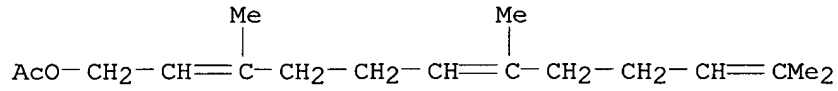
L5 ANSWER 49 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **56001-43-5**
RL: BIOL (Biological study)
(**fragrance** raw material)
RN 56001-43-5 CAPLUS
CN 1,6,10-Dodecatrien-3-ol, 3,7,11-trimethyl-, acetate, (3S,6Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



ACCESSION NUMBER: 1980:203372 CAPLUS
DOCUMENT NUMBER: 92:203372
TITLE: Monographs on **fragrance** raw materials. Nerolidyl acetate
AUTHOR(S): Opdyke, D. L. J.
CORPORATE SOURCE: Res. Inst. Fragrance Mater., Inc., Englewood Cliffs, NJ, 07632, USA
SOURCE: Food and Cosmetics Toxicology (1979), 17(Suppl.), 875
CODEN: FCTXAV; ISSN: 0015-6264
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
ABSTRACT:
A review with 8 refs. on nerolidyl acetate [**56001-43-5**] including toxicity, irritation, and sensitization.

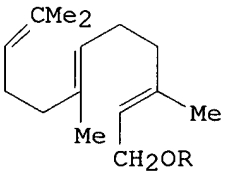
L5 ANSWER 50 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**
RL: BIOL (Biological study)
(skin care prepns. contg.)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1980:185726 CAPLUS
DOCUMENT NUMBER: 92:185726
TITLE: Cosmetic composition
INVENTOR(S): Tur, Wladimir
PATENT ASSIGNEE(S): Uni-Chemie A.-G., Switz.
SOURCE: Ger. Offen., 15 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2926267	A1	19800117	DE 1979-2926267	19790629
DE 2926267	C2	19870409		
CH 642256	A	19840413	CH 1978-7374	19780706
AT 7904350	A	19820415	AT 1979-4350	19790620
AT 368878	B	19821125		
FR 2430226	A1	19800201	FR 1979-17452	19790705
FR 2430226	B1	19830930		
AU 7948678	A1	19800207	AU 1979-48678	19790705
AU 527575	B2	19830310		
US 4331655	A	19820525	US 1979-71796	19790904

PRIORITY APPLN. INFO.: CH 1978-7374 19780706
GRAPHIC IMAGE:



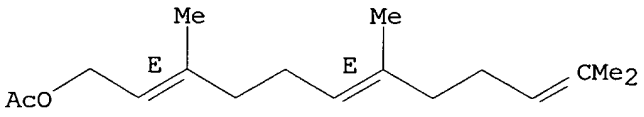
I, R=Et
II, R=Ac

ABSTRACT:
Cosmetic grooming agents for face and body contained I [73486-89-2] and (or) II [**29548-30-9**]. These compns. were useful for smoothing wrinkles, normalizing body fats and oils, improving the mech. elasticity and moisture content of the skin, and improving tissue tension. A night cream H2O-in-oil emulsion contained beeswax 8, cholesterol 2, Softisan 1, wool fat 6, Arlacel 83 3, Miglyol 812 15, safflower oil 5, Cetisol V 5, Phenonip 0.5, I 5, ***perfume*** 0.5, and H2O to 100 wt.-%. Tables were given showing the effect of this cream on wrinkle depth, skin resonance frequency, skin moisture,

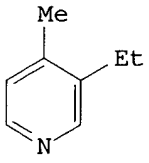
and skin fat.

L5 ANSWER 51 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **4128-17-0**
RL: BIOL (Biological study)
(of citrus unshiu oil abs.)
RN 4128-17-0 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate, (2E,6E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



ACCESSION NUMBER: 1980:28383 CAPLUS
DOCUMENT NUMBER: 92:28383
TITLE: Chemical composition of **fragrant** materials. Part III. Odorous constituents of the absolute from flower of Citrus unshiu Marcovitch
AUTHOR(S): Sakurai, Kazutoshi; Toyoda, Takaaki; Muraki, Shigeru; Yoshida, Toshio
CORPORATE SOURCE: Takasago Perfum. Co., Ltd., Tokyo, Japan
SOURCE: Agricultural and Biological Chemistry (1979), 43(1), 195-7
CODEN: ABCHA6; ISSN: 0002-1369
DOCUMENT TYPE: Journal
LANGUAGE: English
GRAPHIC IMAGE:

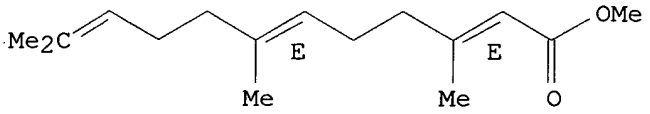


IV

ABSTRACT:
The major constituents of the title plant abs. are linalool 2.1, .alpha.-terpineol 0.7, .beta.-phenethyl alc. (I) 5.1, cis-jasmone (II) 0.4, benzyl cyanide 4.7, Me anthranilate (III) 2, farnesol 7.2, indole 0.3, and Me oleate 0.2%. 0.2%. The important constituents responsible for the predominant odor of the flower are: III, indole, cis-3-hexenyl acetate, Et anthranilate, .beta.-phenethyl acetate, PhCH2CN, farnesyl acetate, geranylacetone, phenylacetaldehyde, phenylacetaldoxime, cis-sabinene, trans-sabinene, PhCO2Me, PhCO2Et, PhCHO, n-nonanal, and 6-methyl-5-hepten-2-one. The floral green character is caused by linalool, I, nerolidol, .alpha.-terpineol, 4-terpinenol, n-hexanol, cis-3-hexenol, and geraniol. The floral sweet odor is due to vanilin, II, citronellol, elemol, geranyllinalool, cis-jasmonic acid and trans-jasmonic acid. 3-Ethyl-4-methylpyridine (IV) was identified in the basic fraction.

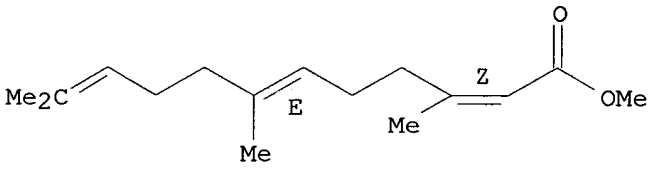
L5 ANSWER 52 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **3675-00-1P 4176-77-6P 66052-37-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 3675-00-1 CAPLUS
CN 2,6,10-Dodecatrienoic acid, 3,7,11-trimethyl-, methyl ester, (2E,6E)-
(9CI) (CA INDEX NAME)

Double bond geometry as shown.



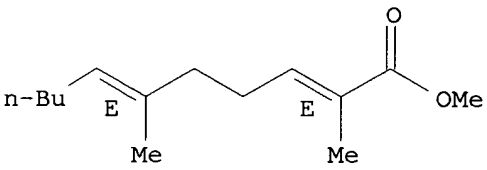
RN 4176-77-6 CAPLUS
CN 2,6,10-Dodecatrienoic acid, 3,7,11-trimethyl-, methyl ester, (2Z,6E)-
(9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 66052-37-7 CAPLUS
CN 2,6-Undecadienoic acid, 2,6-dimethyl-, methyl ester, (E,E)- (9CI) (CA
INDEX NAME)

Double bond geometry as shown.



ACCESSION NUMBER: 1978:136813 CAPLUS
DOCUMENT NUMBER: 88:136813
TITLE: Synthesis of isoprenoid 1,5-dienes
INVENTOR(S): Katzenellenbogen, John A.
PATENT ASSIGNEE(S): University of Illinois Foundation, USA
SOURCE: U.S., 10 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

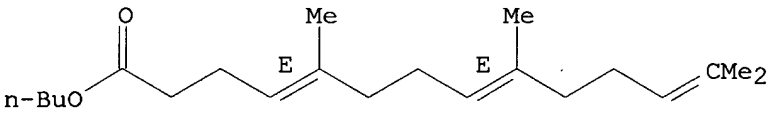
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4064150	A	19771220	US 1976-690090	19760526

PRIORITY APPLN. INFO.: US 1976-690090 19760526
ABSTRACT:
Isoprenoid aliph. acids, intermediates for the prepn. of insect juvenile

hormones and **perfumes**, were prepd. by selective .gamma.-alkylation of .alpha.,.beta.-unsatd. acids with allylic electrophiles via copper(I) dienolates of the .alpha.-.beta.-unsatd. acids. Thus, 1.28 g the Li-Na dienolate of (E)-PrCMe:CHCO2H, obtained by treating the acid with NaH, BuLi, and (Me2CH)2NH in THF, was treated with CuI and the formed Cu dienolate alkylated with CH2:CHCH2Br followed by methylation to give 1.5 g CH2:CH(CH2)2CPr:CHCO2Me.

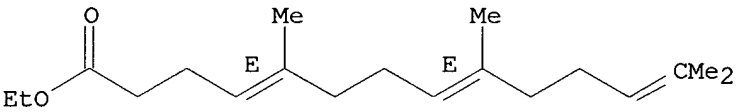
L5 ANSWER 53 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **10154-04-8P 30462-47-6P 59822-16-1P**
62078-21-1P 62078-22-2P 62078-23-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 10154-04-8 CAPLUS
CN 4,8,12-Tetradecatrienoic acid, 5,9,13-trimethyl-, butyl ester, (E,E)- (8CI, 9CI) (CA INDEX NAME)

Double bond geometry as shown.



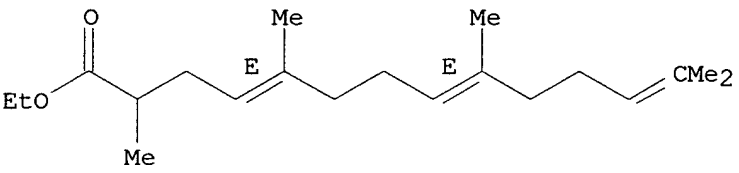
RN 30462-47-6 CAPLUS
RN 59822-16-1 CAPLUS
CN 4,8,12-Tetradecatrienoic acid, 5,9,13-trimethyl-, ethyl ester, (4E,8E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



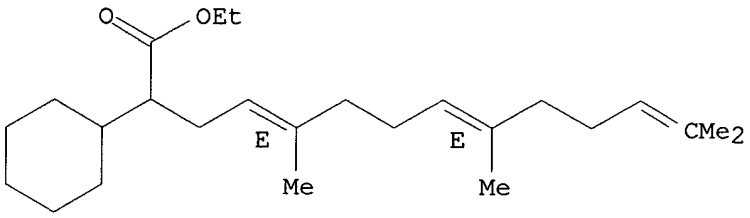
RN 62078-21-1 CAPLUS
CN 4,8,12-Tetradecatrienoic acid, 2,5,9,13-tetramethyl-, ethyl ester, (E,E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



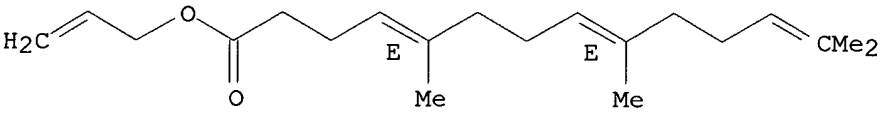
RN 62078-22-2 CAPLUS
CN Cyclohexaneacetic acid, .alpha.-(3,7,11-trimethyl-2,6,10-dodecatrienyl)-, ethyl ester, (E,E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 62078-23-3 CAPLUS
CN 4,8,12-Tetradecatrienoic acid, 5,9,13-trimethyl-, 2-propenyl ester, (E,E)-(9CI) (CA INDEX NAME)

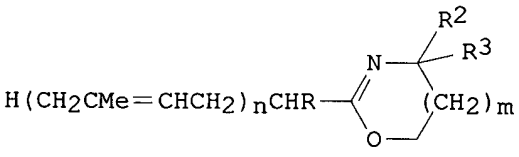
Double bond geometry as shown.



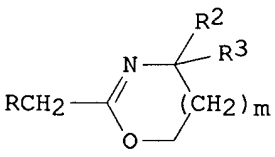
ACCESSION NUMBER: 1977:121570 CAPLUS
DOCUMENT NUMBER: 86:121570
TITLE: Terpenecarboxylic acids or their esters
INVENTOR(S): Fujita, Yoshiji; Omura, Yoshiaki; Nishida, Takashi; Itoi, Kazuo
PATENT ASSIGNEE(S): Kuraray Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 51113817	A2	19761007	JP 1975-37310	19750327

PRIORITY APPLN. INFO.: JP 1975-37310 19750327
GRAPHIC IMAGE:



II



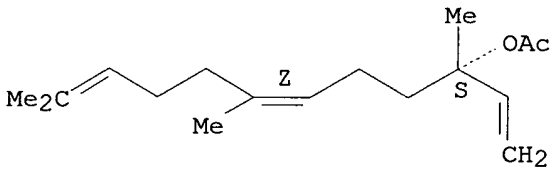
III

ABSTRACT:
Terpenecarboxylic acids or esters H(CH2CMe:CHCH2)nCHRCO2R1 I (n = 1-3; R, R1 = H, alkyl alkenyl, cycloalkyl, cycloalkenyl, alkynyl, aryl) were prepd. by acid hydrolysis or alcoholysis of II (m = 0, 1; R2-3 = lower alkyl), which were prepd. by alkylating III with H(CH2CMe:CHCH2)nX (X = Cl, Br) or II (R = H) (IV) with RX in the presence of a strong base or by cyclizing I (R1 = H) with H2NCR2R3(CH2)mCH2OH. I are **perfumes**, antiulcer agents, or drugs for skin diseases (no data). Thus, III (m = 0, R = H, R2 = R3 = Me) was treated with BuLi in hexane at -50 to -60.degree. and stirred with geranyl bromide at room temp. for 3 hr to give 90% corresponding IV (n = 2), which was also prepd.

in 82% yield by heating geranylacetic acid with H2NCMe2CH2CH2OH. This was alkylated with bromocyclohexane and BuLi and refluxed with N H2SO4 for 14 hr to give 77% I (n = 2, R = cyclohexyl, R1 = H). Among 8 more I prepd. were (n, R, and R1 given): 3, Me, Et; 2, Me, Et; 3, H, geranyl; 3, cyclohexyl, Et.

L5 ANSWER 54 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **56001-43-5**
RL: BIOL (Biological study)
(of clary sage oil)
RN 56001-43-5 CAPLUS
CN 1,6,10-Dodecatrien-3-ol, 3,7,11-trimethyl-, acetate, (3S,6Z)- (9CI) (CA INDEX NAME)

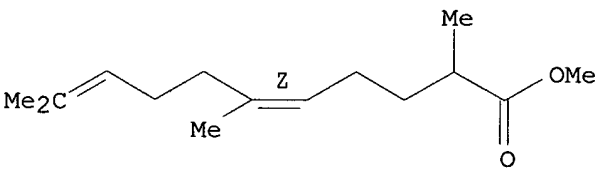
Absolute stereochemistry.
Double bond geometry as shown.

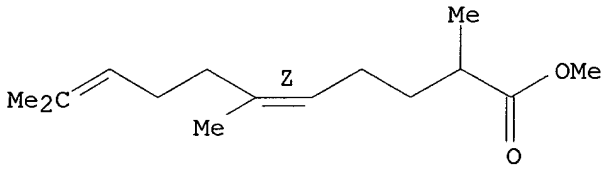


ACCESSION NUMBER: 1976:49723 CAPLUS
DOCUMENT NUMBER: 84:49723
TITLE: Clary sage production in the southeastern United States
AUTHOR(S): Leffingwell, John C.; Stallings, John W.; Seller, Franklin O.; Lloyd, Robert A.; Kane, Franklin C., Jr.
CORPORATE SOURCE: R. J. Reynolds Tob. Co., Winston-Salem, NC, USA
SOURCE: Int. Congr. Essent. Oils, [Pap.], 6th (1974), 3, 11 pp.. Allured Publ. Corp.: Oak Park, Ill.
CODEN: 31MAA8
DOCUMENT TYPE: Conference
LANGUAGE: English
GRAPHIC IMAGE: For diagram(s), see printed CA Issue.
ABSTRACT:
Compds. found for the 1st time in clary sage include trans-.beta.-terpineol [7299-41-4], terpinen-4-ol [562-74-3], .alpha.-terpinene [99-86-5], .beta.-gurjunene [17334-55-3] and .beta.-caryophyllene epoxide (I) [1139-30-6]. The cultivation of clary sage and com. prodn. of the oil for **perfumes** and flavors is discussed.

L5 ANSWER 55 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **57963-91-4P 57963-94-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and olfactive properties of)
RN 57963-91-4 CAPLUS
CN 5,9-Undecadienoic acid, 2,6,10-trimethyl-, methyl ester, (Z)- (9CI) (CA INDEX NAME)

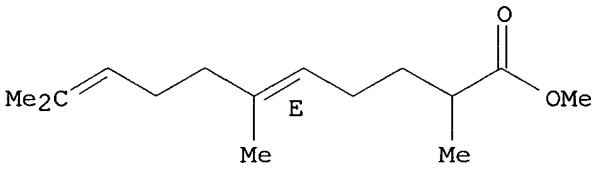
Double bond geometry as shown.





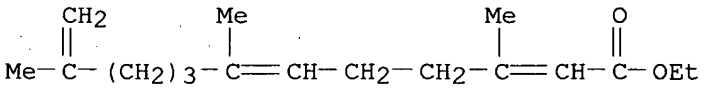
RN 57963-94-7 CAPLUS
CN 5,9-Undecadienoic acid, 2,6,10-trimethyl-, methyl ester, (5E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

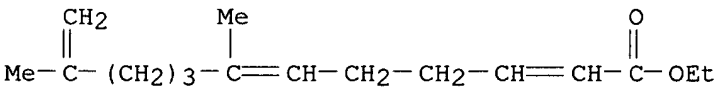


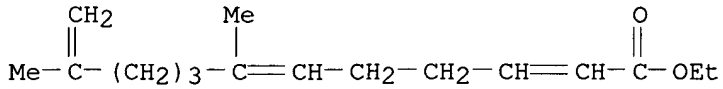
ACCESSION NUMBER: 1976:43188 CAPLUS
DOCUMENT NUMBER: 84:43188
TITLE: Synthesis of some derivatives of 2,6-dimethylundecane with olfactive properties
AUTHOR(S): Gora, Jozef; Antczak, Urszula
CORPORATE SOURCE: USA
SOURCE: Int. Congr. Essent. Oils, [Pap.], 6th (1974), 74, 3 pp.. Allured Publ. Corp.: Oak Park, Ill.
CODEN: 31MAA8
DOCUMENT TYPE: Conference
LANGUAGE: English
GRAPHIC IMAGE: For diagram(s), see printed CA Issue.
ABSTRACT:
The derivs. of 2,6-dimethylundecane, I (R = CHO, CN, CH2OH, CO2Me), II, and III, were prepd. by std. methods. All had some kind of odor, which was described.

L5 ANSWER 56 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **32784-62-6P 56147-33-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(**perfume**, prepn. of)
RN 32784-62-6 CAPLUS
CN 2,6,11-Dodecatrienoic acid, 3,7,11-trimethyl-, ethyl ester (8CI, 9CI) (CA INDEX NAME)



RN 56147-33-2 CAPLUS
CN 2,6,11-Dodecatrienoic acid, 7,11-dimethyl-, ethyl ester (9CI) (CA INDEX NAME)





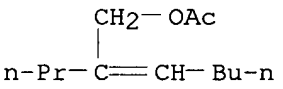
ACCESSION NUMBER: 1976:31276 CAPLUS
DOCUMENT NUMBER: 84:31276
TITLE: Derivatives of conjugated diene dimers
INVENTOR(S): Kumobayashi, Hidenori; Akutagawa, Susumu; Komatsu, Akira
PATENT ASSIGNEE(S): Takasago Perfumery Co., Ltd., Japan
SOURCE: Brit., 6 pp.
CODEN: BRXXAA
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 1411828	A	19751029	GB 1973-46748	19731005

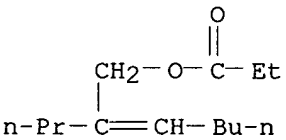
PRIORITY APPLN. INFO.: GB 1973-46748 19731005

ABSTRACT:
Nine title compds. CH2:CRCHR1(CH2)2CR:CR1(CH2)2CR2:CHR3 (I; R, R1 = H, Me; R2 = H, Me, Ph, CN, COMe; R3 = H, COMe, CO2Et, CHO), useful as **perfumes**, were prepd. from CH2:CRCR1:CH2 by treatment with R3CH:CR2Me in the presence of a Ni complex catalyst. Thus, I (R = R2 = Me, R1 = H, R3 = COMe) was prepd. from isoprene by treatment 14 hr with Me2C:CHCOMe under N in a pressure vessel in the presence of Ni(PPh3)4; the catalyst was prepd. in situ from Ni acetylacetonate by redn. with AlEt3 in the presence of Ph3P at 0-5.degree. under N.

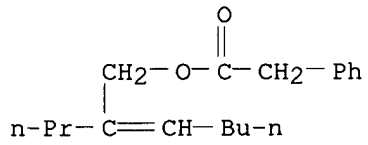
L5 ANSWER 57 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **53735-50-5P 53735-51-6P 53735-52-7P**
53735-53-8P 53827-80-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 53735-50-5 CAPLUS
CN 2-Hepten-1-ol, 2-propyl-, acetate (9CI) (CA INDEX NAME)



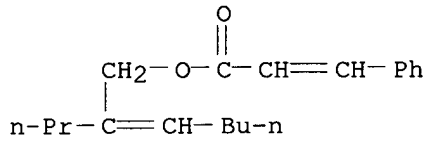
RN 53735-51-6 CAPLUS
CN 2-Hepten-1-ol, 2-propyl-, propanoate (9CI) (CA INDEX NAME)



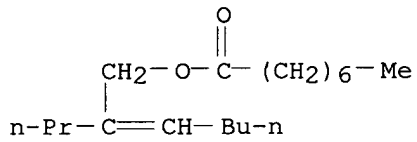
RN 53735-52-7 CAPLUS
CN Benzeneacetic acid, 2-propyl-2-heptenyl ester (9CI) (CA INDEX NAME)



RN 53735-53-8 CAPLUS
CN 2-Propenoic acid, 3-phenyl-, 2-propyl-2-heptenyl ester (9CI) (CA INDEX NAME)



RN 53827-80-8 CAPLUS
CN Octanoic acid, 2-propyl-2-heptenyl ester (9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1974:520013 CAPLUS
DOCUMENT NUMBER: 81:120013
TITLE: Esters of dialkylallyl alcohols
INVENTOR(S): Schleppnik, Alfred A.; Wilson, John B.
PATENT ASSIGNEE(S): Monsanto Co.
SOURCE: U.S., 3 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3832369	A	19740827	US 1972-217957	19720114

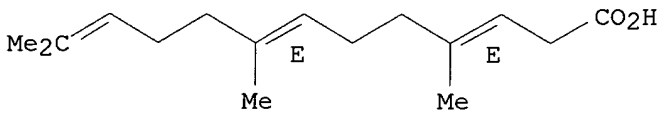
PRIORITY APPLN. INFO.: US 1972-217957 19720114

ABSTRACT:
Me(CH2)nCH:CRCH2O2CR1 (I) were prepd. by redn. of the corresponding aldehydes with LiAlH4, followed by esterification of the alcs. Thus, Me(CH2)3CH:CPrCHO was reduced with LiAlH4 in Et2O to Me(CH2)3CH:CPrCH2OH which with Ac2O in pyridine gave I (n = 3, R = Pr, R1 = Me). Similarly prepd. were I (n = 2, R = Et, R1 = H, Me; n = 3, R = Pr, R1 = Et, heptyl, Ph, PhCH2, PhCH:CH). I had pleasant aromas.

L5 ANSWER 58 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **462-66-8P 36237-69-1P 36237-70-4P**
36237-72-6P 36237-73-7P 36237-74-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 462-66-8 CAPLUS
CN 3,7,11-Tridecatrienoic acid, 4,8,12-trimethyl-, (3E,7E)- (9CI) (CA INDEX

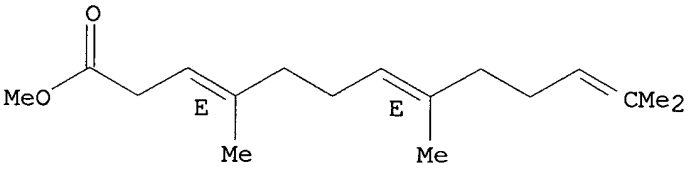
NAME)

Double bond geometry as shown.



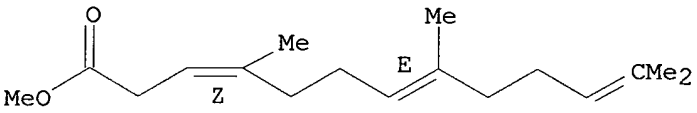
RN 36237-69-1 CAPLUS
CN 3,7,11-Tridecatrienoic acid, 4,8,12-trimethyl-, methyl ester, (E,E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



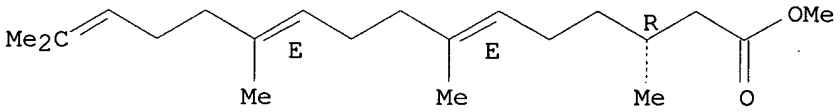
RN 36237-70-4 CAPLUS
CN 3,7,11-Tridecatrienoic acid, 4,8,12-trimethyl-, methyl ester, (Z,E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

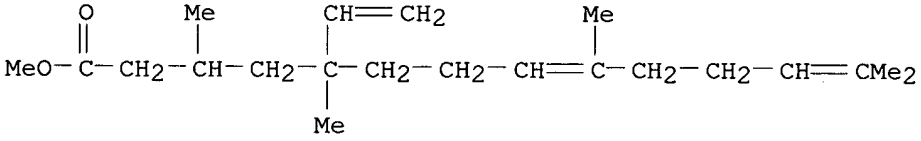


RN 36237-72-6 CAPLUS
CN 6,10,14-Hexadecatrienoic acid, 3,7,11,15-tetramethyl-, methyl ester, [R-(E,E)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



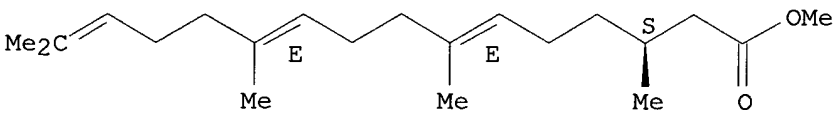
RN 36237-73-7 CAPLUS
CN 8,12-Tetradecadienoic acid, 5-ethenyl-3,5,9,13-tetramethyl-, methyl ester (9CI) (CA INDEX NAME)



RN 36237-74-8 CAPLUS

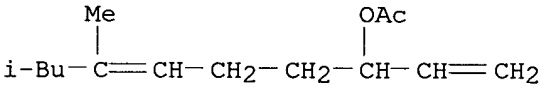
CN 6,10,14-Hexadecatrienoic acid, 3,7,11,15-tetramethyl-, methyl ester, [S-(E,E)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

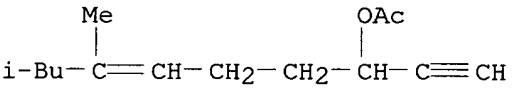


ACCESSION NUMBER: 1972:153953 CAPLUS
DOCUMENT NUMBER: 76:153953
TITLE: Natural odoriferous compounds. IV. Synthesis of (-)-3,7,11,15-tetramethylhexadeca-6,10,-trans,trans-14-trien-1-ol and its enantiomer
AUTHOR(S): Ahlquist, Lars; Olsson, Birgitta; Stahl, Ann B.; Stallberg-Stenhagen, Stina
CORPORATE SOURCE: Inst. Med. Biochem., Univ. Goteborg, Goteborg, Swed.
SOURCE: Chemica Scripta (1971), 1(5), 237-46
CODEN: CSRPB9; ISSN: 0004-2056
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
Treatment of trans,trans-Me2C:CH(CH2)2CMe:CH-(CH2)2CMe:CHCH2OH with PCl5, followed by KCN in Me2SO at 30.degree. gave farnesyl cyanide (I). Hydrolysis of I by KOH, followed by esterification with MeOH in H2SO4, sepn. of the isomers by chromatog. over silicic acid, and further hydrolysis by KOH gave trans,trans-homofarnesenic acid (II). Kolbe reaction of II and L-(+)-MeO2CCH2CHMeCH2CO2H gave Me (+)-3D,-7,11,15-tetramethylhexadeca-6-trans,10-trans-14-trienoate, which was reduced by LiAlH4 to the title compd. Ir and mass spectra for the enantiomers and intermediates were detd.

L5 ANSWER 59 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **4119-94-2P 4272-37-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 4119-94-2 CAPLUS
CN 1,6-Decadien-3-ol, 7,9-dimethyl-, acetate (7CI, 8CI) (CA INDEX NAME)



RN 4272-37-1 CAPLUS
CN 6-Decen-1-yn-3-ol, 7,9-dimethyl-, acetate (7CI, 8CI) (CA INDEX NAME)



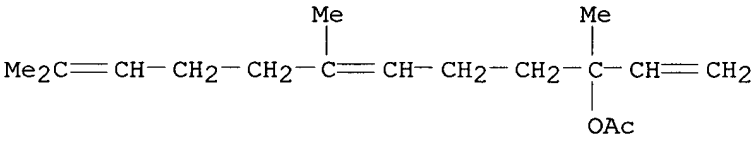
ACCESSION NUMBER: 1971:87366 CAPLUS
DOCUMENT NUMBER: 74:87366
TITLE: 6-Octene-1-ynes and their hydrogenated products useful as odorants in **perfumes** and other scented compositions

INVENTOR(S): Marbet, Roman
PATENT ASSIGNEE(S): Givaudan Corp.
SOURCE: U.S., 5 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3549714	A	19701222	US 1968-714759	19680321

PRIORITY APPLN. INFO.: US 1968-714759 19680321
ABSTRACT:
The 6-octen-1-ynes and their derivs. were prepd. by ethynylation of the substituted .gamma.-pentenal to give derivs. of R1R2C:CR3-CH2CHR4CH(OH)C.tplbond.CH which were subsequently hydrogenated to the 1,2-dihydro, 1,2-tetrahydro or hexahydro-derivs. and (or) esterified. Thus, 30 min after a stream of C2H2 (I) was added to a soln. of Na inliq. NH3 which was stirred 30 min at dry ice temp., the dark-blue soln. turned grey. I was added continuously 1 hr and then 5-methyl-4-hexen-1-al in 1 l. abs. ether was added during a 30 min period. After an addnl. 2 hr treatment with I, the mixt. was treated with 120 g NH4Cl to give 3-hydroxy-7-methyl-6-octen-1-yne, b20 100.degree., n20D 1.4679 (fresh fruit-like odor). An addnl. 33 compds. were prepd. in-cluding the claimed compd. 3-hydroxy-7-isobutyl-6-octen-1-yne.

L5 ANSWER 60 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **2306-78-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 2306-78-7 CAPLUS
CN 1,6,10-Dodecatrien-3-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



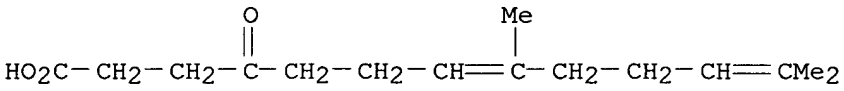
ACCESSION NUMBER: 1970:520777 CAPLUS
DOCUMENT NUMBER: 73:120777
TITLE: Carboxylic acid esters of unsaturated tertiary alcohols
PATENT ASSIGNEE(S): Badische Anilin- und Soda-Fabrik A.-G.
SOURCE: Fr. Demande, 8 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2013254	A5	19700327	FR 1969-24318	19690717
DE 1768980	A	19710812	DE 1967-1768980	19680719

PRIORITY APPLN. INFO.: DE 1967-1768980 19680719
ABSTRACT:
The title compds. were prepd. by transesterification of carboxylic esters of

tertiary satd. alcs., C4-8 with tertiary unsatd. alcs., C5-20 in the presence of a usual basic transesterification catalyst (in all the examples, MeONa was used) at the boiling temp. (80-120.degree.) in 2-12 hr. The reactants were mixed in an app. contg. an efficient fractionating column and the by-products removed continuously from its head. Fractional distn. in vacuo gave good yields of pure products suitable for **fragrances**. The molar ratios were: tertiary unsatd. alc.-ester-catalyst = 1:1.5-3.0:0.05-0.02. Acetates of the following alcs. were prepd.: 2-methyl-3-buten-2-ol, b. 120-2.degree. (90% yield); linalol, b11 100.degree. (94%), .alpha.-terpineol, and nerolidol, b0.3 107.degree. (95%) as well as linalyl propionate, b19 122.degree. (85% yield).

L5 ANSWER 61 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **29093-91-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 29093-91-2 CAPLUS
CN 7,11-Tridecadienoic acid, 8,12-dimethyl-4-oxo- (8CI) (CA INDEX NAME)

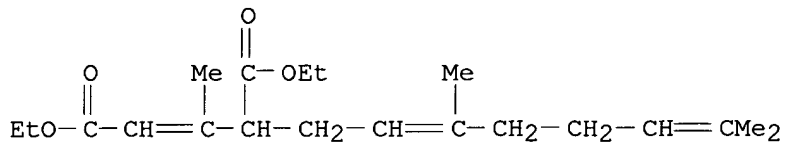


ACCESSION NUMBER: 1970:455651 CAPLUS
DOCUMENT NUMBER: 73:55651
TITLE: 1-Alkene-5-ones
PATENT ASSIGNEE(S): Badische-Anilin- und Soda-Fabrik A.-G.
SOURCE: Fr. Demande, 8 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2005165		19691205		

PRIORITY APPLN. INFO.: DE 19680330
ABSTRACT:
Title **fragrant** compds. R1R2C:CR3CH2CH2COR4 (I) (R1, R2, R3 = H or C1-40 groups, including some which form 5-7-membered rings; R4 = H, Me, or CH2CO2H are made by reaction at 110-90.degree. of R1R2C(OH)CR3:CH2 (II) with (ZO2C)2CHCOR4 (III) (Z = C1-8 alkyl), followed by ketone hydrolysis. Thus, to 1 mole III (R4 = Ph, Z = Et) at 175-80.degree. was added slowly 1.1 moles II (R1 = Et, R2 = Me, R3 = H), EtOH distd. off, CO2 evolution stopped after 3 hr, 500 ml 20% aq. NaOH and 100 ml EtOH were added, the mixt. was heated 2 hr at 80.degree. and acidified at 40.degree. to pH 1 to yield 74% I (R1 = Et, R2 = Me, R3 = H, R4 = Ph), b0.cntdot.005 94-5.degree., n25D 1.5226. Similarly 15 I were prepd.

L5 ANSWER 62 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **26732-86-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 26732-86-5 CAPLUS
CN Glutaconic acid, 4-(3,7-dimethyl-2,6-octadienyl)-3-methyl-, diethyl ester (8CI) (CA INDEX NAME)

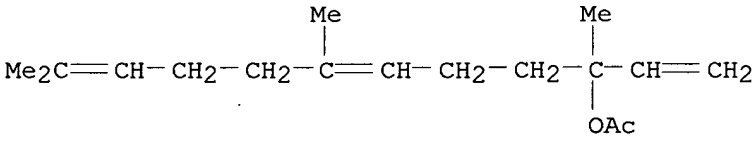


ACCESSION NUMBER: 1970:445634 CAPLUS
DOCUMENT NUMBER: 73:45634
TITLE: 1-Acyl-3-ethoxycarbonyl- and 1,3-diethoxycarbonyl-1,5-hexadienes
INVENTOR(S): Pommer, Horst; Zanker, Fritz; Hoffmann, Werner
PATENT ASSIGNEE(S): Badische Anilin- und Soda-Fabrik A.-G.
SOURCE: Ger. Offen., 8 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

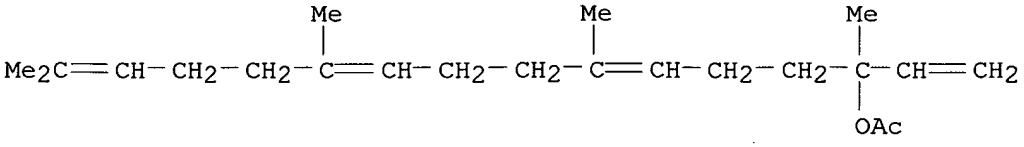
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 1813653	A	19700625	DE 1968-1813653	19681210

PRIORITY APPLN. INFO.: DE 1968-1813653 19681210
ABSTRACT:
The title compds., RR1C:CHCH2CH(CO2Et)CR2:CHCOR3 (I), useful as ***perfumes*** or as intermediates for vitamin A and E derivs. and for plant protective agents, were prepd. from RR1C(OH)CH:CH2 and (EtO2C)2CHCR2:CHCOR3 at 50-350.degree.. Thus, Me2C(OH)CH:CH2 and (EtO2C)2CHCH:CHAc was heated .apprx.6 hr at 130-60.degree. to give 69% I (R = R1 = R3 = Me, R2 = H). Similarly prepd. were I (R, R1, R2, and R3 given): iso-Pr, Me, H, Me; Me2C:CHCH2CH2, Me, H, Me; (RR1 =)(CH2)5, H, Me; (RR1 =)(CH2)5, Me, OEt; Me2C:CHCH2CH2, Me, Me, OEt; and 2,6,6-trimethyl-1-cyclohexenylvinyl, Me, Me, OEt.

L5 ANSWER 63 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **2306-78-7P 28862-16-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 2306-78-7 CAPLUS
CN 1,6,10-Dodecatrien-3-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



RN 28862-16-0 CAPLUS
CN 1,6,10,14-Hexadecatetraen-3-ol, 3,7,11,15-tetramethyl-, acetate (8CI, 9CI) (CA INDEX NAME)



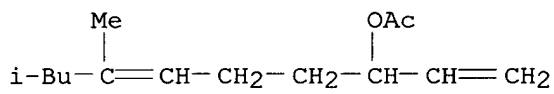
ACCESSION NUMBER: 1970:425704 CAPLUS
DOCUMENT NUMBER: 73:25704
TITLE: Unsaturated esters
PATENT ASSIGNEE(S): Badische Anilin- und Soda-Fabrik A.-G.
SOURCE: Fr., 5 pp.
CODEN: FRXXAK
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2007110		19700102		

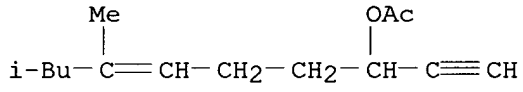
PRIORITY APPLN. INFO.: DE 19680427

ABSTRACT:
To obtain the title compd. HAmCH2CMe(CH:CH2)O2CR (I), [wherein A = CH:CMeCH2CH2, CH2CMe:CHCH2, or CH2CHMeCH2CH2, n = 1-3, and R = C1-5 alkyl] an unsatd. branched-chain ketone, such as 6-methyl-5-hepten-2-one, was treated with CH2:CHMgCl in THF at 5.degree. and the nonisolated organomagnesium compd. (II) acylated with a C1-5 carboxylic acid anhydride at 60.degree.. I are useful in the prepn. of **perfumes**. Thus, a soln. of 1.1 moles CH2:CHMgCl in 800 ml THF was added to a soln. of 194 g 94% geranylacetone in 200 ml THF at 5.degree., the mixt. stirred at 20.degree. for 1 hr, then heated to 65.degree., 122 g Ac2O added within 30 min, and the mixt. maintained at 65.degree. for an hr more, and the product isolated as usual to give 88% nerolidyl acetate. Similarly were obtained: 87-93% .alpha.-linalyl acetate, .beta.-linalyl propionate, butyrate, valerate and phenylacetate and I (A = CH2CMe:CHCH2, n = 3, R = Me).

L5 ANSWER 64 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **4119-94-2P 4272-37-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 4119-94-2 CAPLUS
CN 1,6-Decadien-3-ol, 7,9-dimethyl-, acetate (7CI, 8CI) (CA INDEX NAME)



RN 4272-37-1 CAPLUS
CN 6-Decen-1-yn-3-ol, 7,9-dimethyl-, acetate (7CI, 8CI) (CA INDEX NAME)



ACCESSION NUMBER: 1969:460678 CAPLUS
DOCUMENT NUMBER: 71:60678
TITLE: 3-Hydroxy-7-isobutyl-1,6-octadiene
INVENTOR(S): Marbet, Roman
PATENT ASSIGNEE(S): Givaudan Corp.
SOURCE: U.S., 5 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

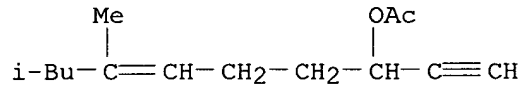
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3452105	A	19690624	US 1968-714753	19680321
BE 654733	A	19650423	BE 1964-654733	19641023

PRIORITY APPLN. INFO.: CH 1963-13060 A 19631025
ABSTRACT:
Na (46 g.) in 1 l. liq. NH3 was stirred 30 min. under Dry-Ice cooling, a stream of C2H2 was passed into the blue liq. until the color suddenly changed to gray (30 min.), then for an addnl. hr. The mixt. was treated 30 min. with a soln. of 224 g. 5-methyl-4-hexen-1-al in 1 l. abs. Et2O, C2H2 passed through this mixt. during 2 hrs., the NH3 evapd., the mixt. filtered, and the filtrate evapd. to give 3-hydroxy-7-methyl-6-octen-1-yne (I), b20 100.degree., n20D 1.4679 (fresh fruit odor). A mixt. of 50 g. Ac2O, 120 mg. p-MeC6H4SO3H, and 69 g. I (temp. rose to 64.degree.), was kept 4 hrs., and treated with 250 ml. petroleum ether to give the 3-OAc deriv., b20 106.degree., n20D 1.4538. I (69 g.) in 300 ml. petroleum ether was hydrogenated over 7 g. Lindlar catalyst in the presence of 7 ml. quinoline until 11.2 l. H was absorbed (30 min.) to give 3-hydroxy-7-methyl-1,6-octadiene (II), b16 90.degree., n20D 1.4630. A mixt. of 56 g. Ac2O, 70 g. II and 1 drop H2SO4 was heated to 80.degree., kept 1 hr. at 80.degree., and worked up to give the corresponding 3-OAc deriv. b18 97.degree., n20D 1.4467 (fresh spicy odor). 2,5-Dimethyl-4-hexen-1-al (III) was ethylated as above to give 3-hydroxy-4,7-dimethyl-6-octen-1-yne (IV), b0.cntdot.01 42.degree., n20D 1.4693. IV (56 g.) gave on acetylation the 3-OAc deriv., b0.cntdot.15 60.degree., n20D 1.4456 (gardenia odor). Hydrogenation of IV in the manner described above gave the corresponding 1,6-octadiene (V), b16 93.degree., n20D 1.4652; further hydrogenation of V gave the corresponding 6-octene (VI), b16 95.degree., n20D 1.4539 (citric odor). Acetylation of V gave the 3-OAc deriv. (VII), b17 103.degree., n20D 1.4498. VII analogs prepd. were: 3-propionyloxy, b0.cntdot.08 69.degree., n20D 1.4458; isobutyryloxy, b0.cntdot.1 79.degree., n20D 1.4438; 3-benzoyloxy, b0.cntdot.05 127.degree., n20D 1.5112. Similarly prepd. were the derivs. of VI, viz., 3-OAc, b16 103.degree., n20D 1.4402; 3-propionyloxy, b0.cntdot.02 67.degree., n20D 1.4428; 3-isobutyryloxy, b0.cntdot.02 74.degree., n20D 1.4412. Ethylation of 2-ethyl-5-methyl-4-hexen-1-ol gave 3-hydroxy-4-ethyl-7-methyl-6-octen-1-yne (VIII), b0.cntdot.01 54.degree., n20D 1.4713 (cloverlike odor). Derivs. of VIII were 3-OAc, b0.cntdot.2 78.degree., n20D 1.4576; the corresponding 1,6-octadiene (IX) and the following derivs. of IX: 3-OAc, b0.cntdot.15 76.degree., n20D 1.4531; the corresponding 6-octene (X), b0.cntdot.01 70.degree., n20D 1.4580. Hydrogenation of X over Pd-C catalyst gave the corresponding octane (XI), b0.cntdot.02 62.degree., n20D 1.4404 (gooseberry odor). Also prepd. was the 3-OAc deriv. of XI, b0.cntdot.3 72.degree., n20D 1.4277. Analogously, 4,5-dimethyl-4-hexen-1-al gave 3-hydroxy-6,7-dimethyl-6-octen-1-yne (XII), b0.cntdot.02 52.degree., n20D 1.4750, and XII gave the 3-OAc deriv. b0.cntdot.15 68.degree., n20D 1.4595, and the corresponding 1,6-octadiene (XIII), b16 99.degree., n20D 1.4694. Acetylation of XIII gave the corresponding 3-OAc deriv., b0.cntdot.09 72.degree., n20D 1.4534. 5-Isobutyl-4-hexen-1-al gave 3-hydroxy-7-isobutyl-6-octen-1-yne (XIV), b0.cntdot.01 69.degree., n20D 1.4629, and XIV gave the 3-OAc deriv., b0.cntdot.15 86.degree., n20D 1.4546, and the corresponding 1,6-octadiene (XV), b0.cntdot.06 81.degree., n20D 1.4613. Acetylation of XV gave the corresponding 2-OAc deriv. b0.cntdot.02 88.degree., n20D 1.4494 (pineapple-apple odor). 4 - Cyclohexylidenebutanal gave 3 - hydroxy - 6 - cyclohexylidene-1-hexyne (XVI), b0.cntdot.15 99.degree., n20D 1.5015; the 3-OAc deriv. of (XVII) b0.cntdot.1 87.degree., n20D 1.4816 (grass-like odor), and the corresponding 1-hexene, b0.cntdot.09 97.degree., n20D 1.4770. XVII (80 g.) was treated with 80 ml. 30% soln. NaOH, and with sufficient MeOH (300 ml.) to effect dissoln. After 15 min., the soln. was neutralized with HOAc, the MeOH evapd. and the residue taken up in petroleum ether to give 3-hydroxy-6-cyclohexylidene-1-hexene, b0.cntdot.02 94.degree., n20D 1.4984. These compds. are useful odorants in

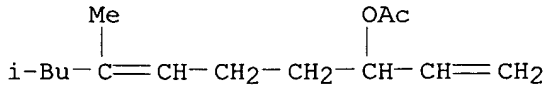
perfumes and other scented compns.

L5 ANSWER 65 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **20576-55-0**
    RL: BIOL (Biological study)
      (in bumblebee mandibular gland)
RN 20576-55-0 CAPLUS
ACCESSION NUMBER: 1968:400978 CAPLUS
DOCUMENT NUMBER: 69:978
TITLE: Natural odoriferous compounds. II. Identification of a 2,3-dihydrofarnesol as the main component of the marking **perfume** of male bumblebees of the species Bombus terrestris
AUTHOR(S): Bergstrom, Gunnar; Kullenberg, Bertil; Stallberg-Stenhagen, Stina; Stenhagen, Einar
CORPORATE SOURCE: Univ. Uppsala, Uppsala, Swed.
SOURCE: Arkiv foer Kemi (1967), 28(31), 453-69
CODEN: ARKEAD; ISSN: 0365-6128
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
The volatile content of the mandibular gland secretion of the male bumblebee of the species B. terrestris was isolated and analyzed. By using gas chromatog., N.M.R., ir spectroscopy, and mass spectrometry the components were: DL-2,3-dihydro-6-trans-farnesol (I), the acetate of I, Et laurate. I was synthesized. Com. farnesol contg. 2-trans, 6-trans-farnesol (II) and 2-cis, 6-trans-farnesol (III) was sepd. by chromatog. on silicic acid. For each g. of farnesol, 50 g. silicic acid was used. The solvent was petroleum ether (b.p. 40-60.degree.)-Et2O (97:3). III was eluted by petroleum ether-Et2O(90:10) and II by petroleum ether-Et2O(50:50). The purity of the isomers was checked by gas chromatog. using 10% Hyprose SP 80 as a stationary phase. II was partially hydrogenated in the following way: 0.98 g. II, 2 ml. hydrazine hydrate, CuSO4 (2 mg. in 3 drops H2O), and 5 ml. EtOH were heated on a bath at 80.degree.. O was bubbled through for 5 hrs. After adding H2O the mixt. was extd. with Et2O. The Et2O residue (0.71 g.) was dissolved in petroleum ether-Et2O (97:3) and chromatographed on 70 ml. of AgNO3 impregnated silicic acid which was prepd. as follows: 100 g. silicic acid was treated with a soln. of 50 g. AgNO3 in 200 ml. H2O. The mixt. was put under suction, filtered through a Buechner funnel, and dried overnight at 120.degree.. Eluting with petroleum ether-Et2O (4:1) followed by petroleum ether-Et2O (1:1) I was obtained. III was treated similarly. Besides I other fractions were obtained contg.: DL-6,7-dihydro-2-trans-farnesol, 10,11-dihydro-2-trans,6-trans-farnesol, DL-6,7-dihydro-2-cis-farnesol, 10,11-dihydro-2-cis,6-trans-farnesol.

L5 ANSWER 66 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **4272-37-1**, 6-Decen-1-yn-3-ol, 7,9-dimethyl-, acetate
      (for **perfumery**)
RN 4272-37-1 CAPLUS
CN 6-Decen-1-yn-3-ol, 7,9-dimethyl-, acetate (7CI, 8CI) (CA INDEX NAME)



IT **4119-94-2**, 1,6-Decadien-3-ol, 7,9-dimethyl-, acetate
      (prepn. of)
RN 4119-94-2 CAPLUS
CN 1,6-Decadien-3-ol, 7,9-dimethyl-, acetate (7CI, 8CI) (CA INDEX NAME)



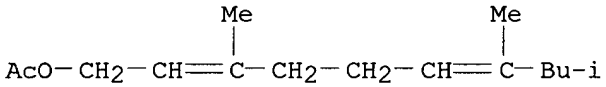
ACCESSION NUMBER: 1965:480194 CAPLUS
DOCUMENT NUMBER: 63:80194
ORIGINAL REFERENCE NO.: 63:14709h,14710a-d
TITLE: Preparation of secondary alcohols and esters
PATENT ASSIGNEE(S): F. Hoffmann-La Roche & Co., A.-G.
SOURCE: 15 pp.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
NL 6412359	A	19650426	NL 1964-12359	19641023
BE 654733	A	19650423	BE 1964-654733	19641023

PRIORITY APPLN. INFO.: CH 1963-13060 A 19631025
ABSTRACT:
The title compds, possess a characteristic scent, different from that of the structurally related linalools, and can be used in **perfumery** compns. Thus, through a soln. of 46 g. Na in 1 l. liquid NH3, cooled in solid CO2, a stream of acetylene is passed till the blue color changes to gray. The acetylene addn. is continued 1 hr., and over 30 min., a soln. of 224 g. R7R8C:CR6CH2CHR4CHO (I) (R7 = R8 = Me, R6 = R4 = H) in 1 l. dry Et2O is added. The acetylene is passed for a further 2 hrs. to give 184 g. R7R8C:CR6CH2CHR4CH(OR3)C.tplbond.CH (II) (R7 = R8 = Me, R4 = R6 = H) (III) (R3 = H), b20 100% n20D 1.4679; fresh fruit scent. A mixt. of 55 g. Ac2O and 120 mg. p-MeC6H4SO3H and 69 g. III (R3 = H) is kept 4 hrs. to give 85 g. III (R3 = Ac), b20 106.degree., n20D 1.4538; fresh grass scent with a slight terpene nuance. III (R3 = H) (62 g.) in 300 ml. petr. ether is hydrogenated at normal conditions, using 7 g. Pd-CaCO3 catalyst and 7 ml. quinoline, till 11.1 l. H is absorbed to give R7R8C:CR6CH2CHR4CH(OR3)CH:CH2(IV)(R7 = R8 = Me, R6 = R7 = H) (V) (R3 = H), b16 90.degree. n20D 1.4630; fruit scent. Compd., R3, R7, R6, R4, R3 = H, B.p./mm, n20D, R3, B.p./mm., n20D; I, Me, Me, H, Me, 42.degree./0.01, 1.4693, Ac, 60.degree./0.15, 1.4546; IV, Me, Me, H, Me, 93.degree./16, 1.4652, Ac, 103.degree./17, 1.4498; IV, Me, Me, H, Me, -, -, COEt, 69.degree./0.08, 1.4458; IV, Me, Me, H, Me, -, -, COPr-iso, 79.degree./0.1, 1.4478; IV, Me, Me, H, Me, -, -, Bz, 127.degree./0.05, 1.5112; VI, Me, Me, H, Me, -, -, Ac, 103.degree./16, 1.4402; VI, Me, Me, H, Me, -, -, COEt, 67.degree./0.03, 1.4428; VI, Me, Me, H, Me, -, -, COBu-iso, 74.degree./0.02, 1.4412; II, Me, Me, H, Et, 54.degree./0.01, 1.4713, Ac, 78.degree./0.2, 1.4576; IV, Me, Me, H, Et, 104.degree./16, 1.4684, Ac, 76.degree./0.15, 1.4531; VI, Me, Me, H, Et, 70.degree./0.01, 1.4580, Ac, 75.degree./0.1, 1.4438; VII, Me, Me, H, Et, -, -, Ac, 72.degree./0.3, 1.4277; II Me, Me, Me, H, 52.degree./0.02, 1.4750, Ac, 68.degree./0.15, 1.4595; IV, Me, Me, Me, H, 99.degree./16, 1.4594, Ac, 72.degree./0.09, 1.4534; II, Me, iso-Bu, H, H, 69.degree./0.01, 1.4629, Ac, 86.degree./0.15, 1.4546; IV, Me, iso-Bu, H, H, 81.degree./0.06, 1.4613, Ac, 88.degree./0.2, 1.4494; II, CH2CH2CH2CH2CH2, H, H, 99.degree./0.15, 1.5015, Ac, 87.degree./0.1, 1.4816; IV, CH2CH2CH2CH2CH2, H, H, 94.degree./0.02, 1.4984, Ac, 97.degree./0.09, 1.4770; Acylation with Ac2O gives V (R3 = Ac), b19 97.degree. n20D 1.4467, fresh herbous scent. A soln. of 76 g. II (R4 R7 = R8 = Me, R6 = R8 = H) in 350 ml. petr. ether is hydrogenated, using 7.6 g. Pd-CaCO3, catalyst, till 22.4 l. H is absorbed to give 65 g. R7R8C:CR6CH2CHR4CH(OR3)Et (VI) (R4 = R8 = R7 = M, R6 = R6 = H), b16 95.degree., n20D 1.4539; fresh lemon scent. A soln. of 100 g. II(R4 = R7 = R8 = Me, R3 = R6 = H) in 450 ml. petr. ether is hydrogenated using a 5% Pd/C catalyst, till 14 l. H is absorbed to

give 75 g. R7R8CHCHR6CH2CHR4CH(OR3)Et (VII) (R4 = R7 = R8 = Me, R3 = R6 = H), b0.2 62.degree. n20D 1.4404; fresh flower scent. In analogous manner were obtained the tabulated compds.

L5 ANSWER 67 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **92791-02-1**, 2,6-Decadien-1-ol, 3,7,9-trimethyl-, acetate (prepn. of)
RN 92791-02-1 CAPLUS
CN 2,6-Decadien-1-ol, 3,7,9-trimethyl-, acetate (6CI, 7CI) (CA INDEX NAME)

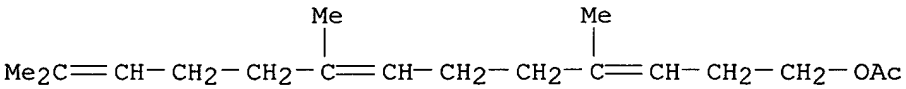


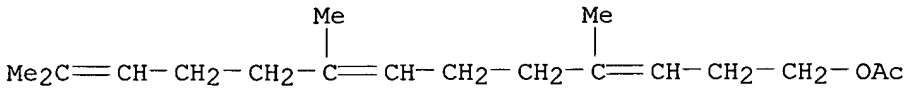
ACCESSION NUMBER: 1963:447885 CAPLUS
DOCUMENT NUMBER: 59:47885
ORIGINAL REFERENCE NO.: 59:8593g-h,8594a-c
TITLE: Polyolefinic alcohols
INVENTOR(S): Surmatis, Joseph D.
PATENT ASSIGNEE(S): F. Hoffmann-La Roche & Co., A.-G.
SOURCE: 2 pp.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CH 361568		19620615	CH	
PRIORITY APPLN. INFO.:			US	19560730

ABSTRACT:
Addn. to Swiss 360,384 (see Brit. 814,636, CA 54, 9768i). Polyolefinic alcs. RCMe:CH(CH2)2CMe:CHCH2OH (I) are prepd. by the allylic rearrangement of esters RCMe:CH(CH2)2CMe(OR')CH:CH2 (II) and subsequent hydrolysis of the rearranged esters. The novel I and their esters have a rose-like odor and can be utilized as **perfume** components. Thus, a mixt. of 500 g. II (R = Et, R' = Ac) and 250 ml. AcOH is refluxed 4 hrs., the AcOH distd. in vacuo, and the residue fractionated in vacuo to give the acetate of I (R = Et) (III), b9 125.degree., n25D 1.4608. A mixt. of 29.5 g. III, 100 ml. EtOH, 50 ml. H2O, and 20 g. KOH is stirred 2 hrs. at 60.degree., allowed to stand overnight at room temp., 500 ml. H2O added, the mixt. extd. with Et2O, the ext. washed neutral with H2O, dried over anhyd. CaSO4, the Et2O evapd., and the residue distd. in vacuo to give I (R = Et), b1 89.degree., n25D 1.4748. Treatment of I (R = Et) with isobutyric anhydride in the presence of pyridine affords the isobutyrate of I (R = Et), b1.1 106.degree., n25D 1.4578. Similarly is ppd. I (R = iso-Bu), b0.08 57.degree., n25D 1.4718; acetate b0.1 78-9.degree., n25D 1.4598-1.4600; isobutyrate, b0.1.1 90.degree., n25D 1.4570.

L5 ANSWER 68 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **109813-25-4**, 3,7,11-Tridecatrien-1-ol, 4,8,12-trimethyl-, acetate (prepn. of)
RN 109813-25-4 CAPLUS
CN 3,7,11-Tridecatrien-1-ol, 4,8,12-trimethyl-, acetate (6CI) (CA INDEX NAME)



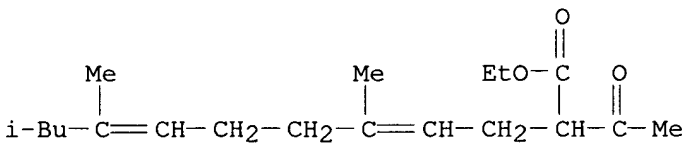


ACCESSION NUMBER: 1961:81318 CAPLUS
DOCUMENT NUMBER: 55:81318
ORIGINAL REFERENCE NO.: 55:15347g-i
TITLE: Isoprenic chain alcohols
INVENTOR(S): Julia, Marc
PATENT ASSIGNEE(S): Societe des usines chimiques Rhone-Poulenc
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 1213486		19600401	FR	
DE 1106320			DE	
DE 1119256			DE	
GB 884638			GB	
GB 884639			GB	
GB 884640			GB	

ABSTRACT:
To a Grignard reagent prepd. from 65 g. 1-bromo-4-methyl-3-pentene and 10 g. Mg in Et2O kept at 5-10.degree. was added a soln. of 33.6 g. methyl cyclopropyl ketone (Ia) in 300 ml. Et2O. The complex was allowed to stand overnight and hydrolyzed with satd. NH4Cl. After workup, 6-methyl-2-cyclopropyl-5-hepten-2-ol (I) was obtained in 80% yield, b20 115-18.degree. and b1 72.degree., n20D 1.4660. Treatment of 67 g. I with 160 ml. 48% HBr yielded 76 g. 1-bromo-4,8-dimethyl-3,7-nonadiene (II), b1 88-92.degree.. The acetyl deriv. of II was prepd. (b1 99-102.degree.) and 8.4 g. sapond. to produce 6.3 g. 4,8-dimethyl-3,7-nonadien-1-ol, b1 96.degree. and b0.25 74-5.degree., n24.6D 1.4726. Similarly, a Grignard reagent prepd. from II, after reaction with Ia, gave 6,10-dimethyl-2-cyclopropyl-5,9-undecadien-2-ol (III), b1 128-32.degree. and b0.02 96-8.degree., n21D 1.4822. When III was treated as in the prepn. of II and I, the following compds. were obtained: 1-bromo-4,8,12-trimethyl-3,7,11-tridecatriene, b0.35 120-4.degree., n22D 1.4990; acetyl deriv. b0.15 105-8.degree.; 4,8,12-trimethyl-3,7-tridecatrien-1-ol, b0.4 115.degree., n22.5D 1.4862. These new alcs. had characteristic odors and were useful in making ***perfumes*** .

L5 ANSWER 69 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **102709-93-3**, 4,8-Dodecadienoic acid, 2-acetyl-5,9,11-trimethyl-, ethyl ester
(prepn. of)
RN 102709-93-3 CAPLUS
CN 4,8-Dodecadienoic acid, 2-acetyl-5,9,11-trimethyl-, ethyl ester (6CI) (CA INDEX NAME)



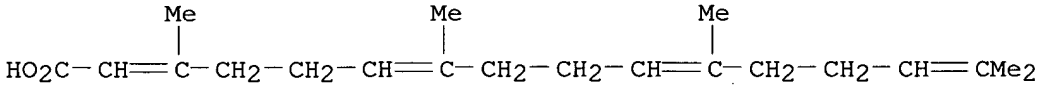
ACCESSION NUMBER: 1960:28255 CAPLUS
DOCUMENT NUMBER: 54:28255

ORIGINAL REFERENCE NO.: 54:5468i,5469a-c
TITLE: 6,10,12-Trimethyl-5,9-tridecadien-2-one
INVENTOR(S): Surmatis, Joseph D.
PATENT ASSIGNEE(S): Hoffmann-La Roche Inc.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2870210		19590120	US	

ABSTRACT:
The title compd. (I) was useful in the **perfume**, cosmetic, flavoring and pharmaceutical industries. 3,5-Dimethyl-1-hexen-3-ol (438 g.) stirred with 1500 cc. concd. HCl for 30 min. gave 1-chloro-3,5-dimethyl-2-hexene (II), n25D 1.448. EtO2CCH2COCH3 (III) (429 g.) and 162 g. NaOCH3 treated with 428 g. II at 60.degree. over 30 min. and the mixt. stirred for 6 hrs. at 60-70.degree. gave 3-car-bethoxy-6,8-dimethyl-5-nonen-2-one, straw colored oil, which was sapond. with 200 g. KOH and 200 cc. water. The product treated with acid gave, after decarboxylation, 6,8-dimethyl-5-nonen-2-one (IV), b35 120.degree. n25D 1.4432, odor of fresh apple juice; 2,4-dinitrophenylhydrazone m. 47.degree.; semicarbazone m. 114.degree.. Na (41.4 g.) in 1.5 l. liquid NH3 was treated with HC.tplbond.CH to discharge the color and then for an addnl. 30 min. This mixt. was treated 45 min. with 252 g. IV in 250 cc. Et2O with HC.tplbond.CH being passed in for 15 min. to give 3,7,9-trimethyl-1-decyn-6-en-3-ol (V), b0.35 72.degree., n25D 1.4598. V (189 g.) absorbed 0.97 mole H on redn. over 18.9 g. 5% Pd-Pd-CaCO3 to give 3,7,9-trimethyl-1,6-decadien-3-ol (VI), b20 129.degree., n25D 1.4592. VI (142 g.) stirred with 450 cc. concd. HCl gave 1-chloro-3,7,9-trimethyl-2,6-decadiene (VII), n25D 1.472. III (104 g.) and 40 g. NaOMe treated with 145.5 g. VII gave 3-carbethoxy-6,10,12-trimethyl-5,9-tridecadien-2-one (VIII). VIII was sapond. with KOH in aq. alc. and decarboxylated by acidification and warming to give I, b0.7 107-9.degree., n25D 1.4652, fruity odor.

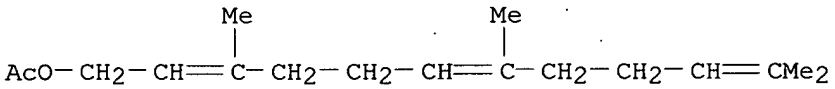
L5 ANSWER 70 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **83807-40-3**, 2,6,10,14-Hexadecatetraenoic acid, 3,7,11,15-tetramethyl-
(and esters)
RN 83807-40-3 CAPLUS
CN 2,6,10,14-Hexadecatetraenoic acid, 3,7,11,15-tetramethyl- (6CI, 9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1953:25319 CAPLUS
DOCUMENT NUMBER: 47:25319
ORIGINAL REFERENCE NO.: 47:4309b-i,4310a-d
TITLE: Diterpenes. LXlI. A new productive partial synthesis of ambreinolide
AUTHOR(S): Schenk, H. R.; Gutmann, H.; Jeger, O.; Ruzicka, L.
CORPORATE SOURCE: Eidg. Tech. Hochschule, Zurich, Switz.
SOURCE: Helv. Chim. Acta (1952), 35, 817-24
DOCUMENT TYPE: Journal
LANGUAGE: German
GRAPHIC IMAGE: For diagram(s), see printed CA Issue.
ABSTRACT:

cf. C.A. 46, 6619f). Because the diterpene alc. manool (I) is structurally related to ambreinolide (II) which is an important starting material for the synthesis of ambra **perfumes**, a partial synthesis of II from I is carried out. Adding 7.7 g. KMnO4 (corresponding to 3 atoms O) to 7.04 g. I in 350 cc. Me2CO at 2-4.degree. over a period of 12 hrs., keeping the mixt. overnight, evapg. the decanted soln., shaking the residue together with the MnO2 with 40 g. Na2SO3 in 135 cc. 2 N H2SO4 and 200 cc. ether until the MnO2 is dissolved, evapg. the washed (H2O, 200 cc. 2 N Na2CO3, H2O) ether soln., and working up the residue in the usual way give 5.56 g. neutral (III) and 0.62 g. acid products. III is refluxed with 3.8 g. Girard reagent T in 38 cc. abs. EtOH and 3.4 cc. AcOH 1 hr. and the mixt. poured into 300 cc. ice H2O contg. 2.76 g. Na2CO3, giving 1.8 g. ketonic (IV) and 3.6 g. nonketonic products (V). Chromatographic sepn. of 3.3 g. V over Al2O3 (activity II) and elution with petr. ether-C6H6 give 3.01 g. unchanged I, m. 41-3.5.degree.. Treating 2.1 g. IV in 6.5 cc. MeOH with 11.5 cc. H2NCONHNH2 (corresponding to 1.1 g. HCl salt) gives 2.5 g. crude semicarbazone (VI), m. 182-6.degree. (decompn.), from which, on crystn. from 60 cc. MeOH and 5 cc. H2O, is obtained 2.2 g. pure VI of the Me ketone, C18H30O (VII), needles, m. 191.5-3.degree. (decompn.). Heating 2.08 g. VI with 4 g. cryst. (CO2H)2 in 20 cc. H2O 3.5 hrs. on a water bath gives 1.78 g. VII, b0.12 114-15.degree., [.alpha.]D 37.degree. (c 1.05, all rotations in CHCl3) (2,4-dinitrophenylhydrazone, yellow needles, m. 144-5.degree.). Its infrared (IR) absorption curve shows bands at 1721, 1216, and 1171 cm. -1 (AcO group) and at 895 and 1647 cm. -1 (CH2: < grouping). Adding 2.75 g. iodine in 22 cc. H2O contg. 5.5 g. KI and 2.2 g. KOH in 22 cc. H2O simultaneously over a period of 1 hr. to 400 mg. VII in 85 cc. freshly distd. dioxane at 20.degree. with stirring, stirring the mixt. another hr., adding NaHSO3, and working up the mixt. in the usual way give 90% unsatd. acid, C17H28O2 (VIII), m. 108.5-9.degree., [.alpha.]D 47.degree. (c 0.56), which gives a yellow color with C(NO2)4. The IR curve of VIII is given. From the neutral fraction CHI3, m. 116-17.degree., is isolated. Methylating 155 g. VIII with CH2N2 and ozonizing the Me ester in 20 cc. CHCl3 3 hrs. at 0.degree., evapg. the mixt. in vacuo, and treating the residue in 20 cc. AcOH with 3 knife-points Zn dust overnight give 155 mg. neutral portion from which, on chromatographic purification over Al2O3, is isolated the oxo Me ester, C17H28O3 (IX), b0.02 103.degree. (bath temp.), (2,4-dinitrophenylhydrazone, yellow leaflets, m. 115-15.5.degree.). The IR curve of IX shows bands at 1600-1700 cm.-1 [(vCO) group], at 1706 cm.-1 (C6 ring), and 1730 cm.-1 (CO2Me group). Shaking 110 mg. VIII in AcOEt with 15 mg. prereduced PtO2 causes the absorption of 11 cc. H and gives the satd. acid, C17H30O (X), needles, m. 131.degree., [.alpha.]D 39.degree. (c 0.30), which is identical with the acid obtained previously from II (cf. R. and Lardon, C.A. 40, 5715.8). Adding 195 mg. VIII in small portions to 5 cc. AcOH and 2 cc. concd. H2SO4 with ice-cooling, stirring the mixt. 2 hrs., pouring it onto ice, and extg. with ether give 99% neutral products, m. 118-19.degree., which (180 mg.), chromatographed over 5 g. Al2O3, gives 142 mg. II, m. 139-40.degree., [.alpha.]D 31.degree. (c 1.02). Warming 225 mg. VIII with 5 cc. HCO2H and 5 drops concd. H2SO4 1 hr. at 60.degree. gives 78% II, fine needles, m. 139.degree., [.alpha.]D 32.degree. (c 0.87). The IR absorption curves of II from I and from ambrein are identical.

L5 ANSWER 71 OF 71 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesol, acetate
(prepn. of)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1950:28467 CAPLUS
DOCUMENT NUMBER: 44:28467
ORIGINAL REFERENCE NO.: 44:5547g-i
TITLE: Compounds containing the group C15H25O
PATENT ASSIGNEE(S): L. Givaudan & Cie., S.A.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CH 261120		19490801	CH	

ABSTRACT:
Nerolidol (I) and farnesol (II) can be obtained from papilionaceous, sophora, and leguminous plants. Steam distn. of the shavings of Myrocarpus fastigiatus and frondosus gives the essence of cabreuva (III). Fractional distn. of III gives 80% I semicarbazone, m. 134-5.degree.. Pure II 2% can be obtained from III by forming the 3-nitrophthalate, m. 93-4.degree., and sapong. it. III can be acetylated and fractionally distd. to give the acetate (IV) of I, b1.6 128-9.degree., d20 0.9046, nD20 1.4712. Further acetylation of III at high temp. gives acetate (V) of II. Sapon. of IV and V yields pure I and II. Dry III reacts with PBr3 in pyridine to give farnesyl bromide, from which pure II can be obtained. I and II are used in **perfumes** and as primary materials in the manuf. of compds. having vitamin activity.

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NEWS 5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 7	Sep 03	JAPIO has been reloaded and enhanced
NEWS 8	Sep 16	Experimental properties added to the REGISTRY file
NEWS 9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11	Oct 24	BEILSTEIN adds new search fields
NEWS 12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13	Nov 18	DKILIT has been renamed APOLLIT
NEWS 14	Nov 25	More calculated properties added to REGISTRY
NEWS 15	Dec 04	CSA files on STN
NEWS 16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17	Dec 17	TOXCENTER enhanced with additional content
NEWS 18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS 20	Feb 13	CANCERLIT is no longer being updated
NEWS 21	Feb 24	METADEX enhancements
NEWS 22	Feb 24	PCTGEN now available on STN
NEWS 23	Feb 24	TEMA now available on STN
NEWS 24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 25	Feb 26	PCTFULL now contains images
NEWS 26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27	Mar 20	EVENTLINE will be removed from STN
NEWS 28	Mar 24	PATDPAFULL now available on STN
NEWS 29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 30	Apr 11	Display formats in DGENE enhanced
NEWS 31	Apr 14	MEDLINE Reload
NEWS 32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 33	Apr 21	Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS 34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 35	Apr 28	RDISCLOSURE now available on STN
NEWS 36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated

NEWS EXPRESS	April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information

NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 09:22:00 ON 16 MAY 2003

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 09:22:06 ON 16 MAY 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 15 MAY 2003 HIGHEST RN 516445-69-5
DICTIONARY FILE UPDATES: 15 MAY 2003 HIGHEST RN 516445-69-5

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

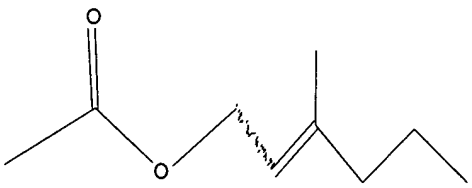
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>
Uploading 09945029.str

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

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=> s l1 sss sam
SAMPLE SEARCH INITIATED 09:22:30 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   5642 TO ITERATE

 17.7% PROCESSED    1000 ITERATIONS                          50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       108339 TO   117341
PROJECTED ANSWERS:            7543 TO    10059

L2           50 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 09:22:36 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 111722 TO ITERATE

100.0% PROCESSED  111722 ITERATIONS                      9445 ANSWERS
SEARCH TIME: 00.00.01

L3         9445 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                             148.15     148.36

FILE 'CAPLUS' ENTERED AT 09:22:46 ON 16 MAY 2003
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FILE COVERS 1907 - 16 May 2003  VOL 138 ISS 21
FILE LAST UPDATED: 15 May 2003  (20030515/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.


=> s l3
L4          5535 L3

=> s l4 and (perfum? or fragran? or odor? or scent? or olfactor?)
          28869 PERFUM?
          11222 FRAGRAN?
          73265 ODOR?
           2115 SCENT?
          14978 OLFACTOR?
L5          149 L4 AND (PERFUM? OR FRAGRAN? OR ODOR? OR SCENT? OR OLFACTOR?)

=> s l5 and (oxalate or salicylate)
```

```
          46509 OXALATE
           6305 OXALATES
          49137 OXALATE
                  (OXALATE OR OXALATES)
          26429 SALICYLATE
           3510 SALICYLATES
          27726 SALICYLATE
                  (SALICYLATE OR SALICYLATES)
L6           19 L5 AND (OXALATE OR SALICYLATE)

=> d l6 hitstr, ibib, iabs 1-19

L6   ANSWER 1 OF 19  CAPLUS  COPYRIGHT 2003 ACS
IT   91482-37-0
     RL: TEM (Technical or engineered material use); USES (Uses)
        (fragrant substances as additives for improving storage
        stability of polyvinyl alc. and polyvinyl alc.-cellulose blends)
RN   91482-37-0  CAPLUS
CN   5,9-Undecadien-2-ol, 6,10-dimethyl-, acetate (7CI, 9CI)  (CA INDEX NAME)
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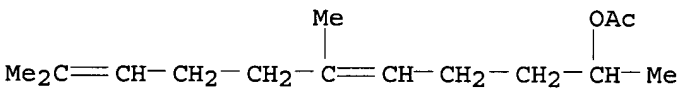


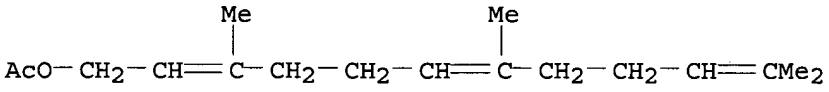

```
ACCESSION NUMBER:         2002:946358  CAPLUS
DOCUMENT NUMBER:          138:44520
TITLE:                    Fragrant substances for improving storage
                          stability and solubility of poly(vinyl alcohol) and
                          poly(vinyl alcohol)-cellulose blends
INVENTOR(S):              Meller, Gerhard; Maier, Hans
PATENT ASSIGNEE(S):       Drom Fragrances International K.-G., Germany
SOURCE:                   PCT Int. Appl., 22 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 German
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
     ---------------   ----  --------       ---------------  --------
     WO 2002098966      A2   20021212       WO 2002-EP6246   20020607
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
             PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
             UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
             TJ, TM
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
             CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
             BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRIORITY APPLN. INFO.:                  DE 2001-10130971 A  20010607
ABSTRACT:
  Fragrant substances are useful as substitutes for solvents currently
used as additives for increasing or reducing flexibility or adjusting H2O-soly.
of poly(vinyl alc.) and poly(vinyl alc.)-cellulose blends that are used as
packaging materials, bottles, capsules, etc.


L6   ANSWER 2 OF 19  CAPLUS  COPYRIGHT 2003 ACS
IT   29548-30-9, Farnesyl acetate 56001-43-5, Nerolidyl
     acetate 475285-51-9
     RL: TEM (Technical or engineered material use); USES (Uses)
```

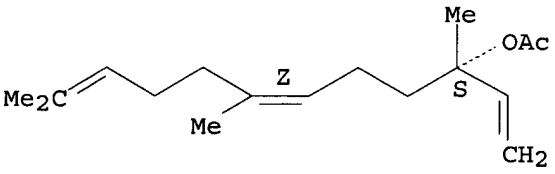
(laundry additive compn. contg. **perfumed** particles and hydrating material for dispensing in the wash or rinse)

RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



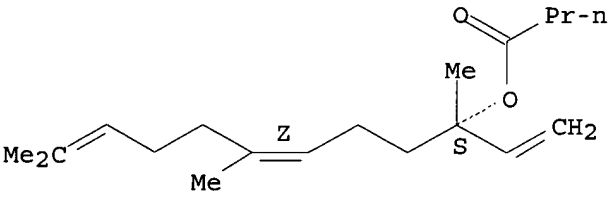
RN 56001-43-5 CAPLUS
CN 1,6,10-Dodecatrien-3-ol, 3,7,11-trimethyl-, acetate, (3S,6Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



RN 475285-51-9 CAPLUS
CN Butanoic acid, (1S,4Z)-1-ethenyl-1,5,9-trimethyl-4,8-decadienyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



ACCESSION NUMBER:	2002:869032 CAPLUS
DOCUMENT NUMBER:	137:371757
TITLE:	Compositions and articles for effective deposition of **perfume** in the wash
INVENTOR(S):	Welch, Robert Gary; Dihora, Jiten Odhavji; Wahl, Errol Hoffman; Dufton, Daniel James; Gibson, Malcolm; Johnston, Grant Gordon; Patton, Andrew Brian Greenaway; Ridyard, Mark William; Sayers, Edward; Schroeder, Timothy James; Trinh, Toan; Diersing, Steven Louis; York, David William; Liu, Zaiyou; Finley, Kristin Marie
PATENT ASSIGNEE(S):	The Procter & Gamble Company, USA
SOURCE:	PCT Int. Appl., 99 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	4
PATENT INFORMATION:	

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002090481	A1	20021114	WO 2002-US13812	20020501

W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-288767P P 20010504
US 2002-352808P P 20020130

ABSTRACT:
The title compns. will rapidly dispense a unitized amt. of .gtoreq.1 selected fabric care agents to a wash and/or rinse bath soln. during the laundering process under a variety of conditions such that the fabric care additive is effectively deposited on the fabrics. Specifically, the compns. include a hydratable material, preferably effervescing materials, **perfume** particles and optional materials. The **perfume** particles are ***perfume*** combined with an inorg. carrier, preferably zeolite particles having a min. surface area. The deposition of the **perfume** particles on fabrics during washing and/or rinsing provides a controlled release of the ***perfume*** components from the treated fabrics for up to .gtoreq.2 wk. The retention of the **perfume** on the carrier when dispensed in an aq. soln. is improved.

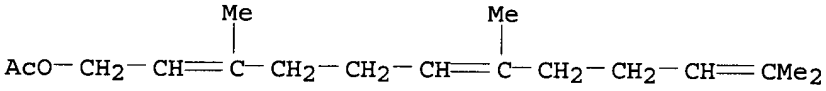
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 19 CAPLUS COPYRIGHT 2003 ACS

IT **29548-30-9**, Farnesyl acetate **56001-43-5**, Nerolidyl acetate **475285-51-9**
RL: TEM (Technical or engineered material use); USES (Uses)
(**perfumed** particles and delivery containers contg. the **perfume**)

RN 29548-30-9 CAPLUS

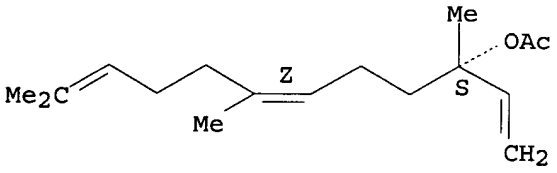
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



RN 56001-43-5 CAPLUS

CN 1,6,10-Dodecatrien-3-ol, 3,7,11-trimethyl-, acetate, (3S,6Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

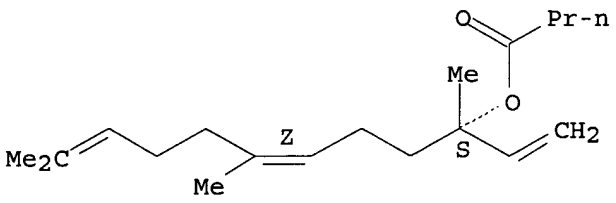


RN 475285-51-9 CAPLUS

CN Butanoic acid, (1S,4Z)-1-ethenyl-1,5,9-trimethyl-4,8-decadienyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



ACCESSION NUMBER: 2002:869030 CAPLUS
DOCUMENT NUMBER: 137:371754
TITLE: **Perfumed** particles, consumable compositions, article manufacture and articles containing the **perfume**
INVENTOR(S): Liu, Zaiyou; Trinh, Toan; Finley, Kristin Marie
PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
SOURCE: PCT Int. Appl., 49 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002090479	A1	20021114	WO 2002-US13809	20020501
W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003036489	A1	20030220	US 2002-137528	20020502

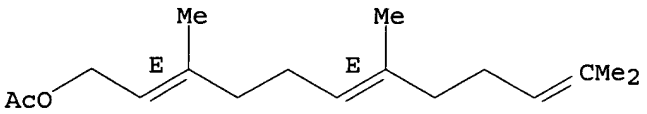
PRIORITY APPLN. INFO.: US 2001-288767P P 20010504
US 2002-352829P P 20020130

ABSTRACT:
Perfume delivery compns. and/or consumable compns. include ***perfumed*** particles made of a porous inorg. mineral carrier and an absorbed and/or adsorbed **perfume** compn. The **perfume** compn. has low levels of certain classes of **perfume** ingredients that tend to be unstable when incorporated onto or into a porous mineral carrier (e.g. zeolites). Articles include the **perfume** delivery or consumable compns. (e.g. detergent), and moisture impermeable containers designed for single use or unit dosing that may include a reclosable or resealable closure.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 19 CAPLUS COPYRIGHT 2003 ACS
IT **4128-17-0**, (E,E)-Farnesyl acetate
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(**olfactory** antennal responses of the vine weevil Otiorhynchus sulcatus to plant volatiles)
RN 4128-17-0 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate, (2E,6E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

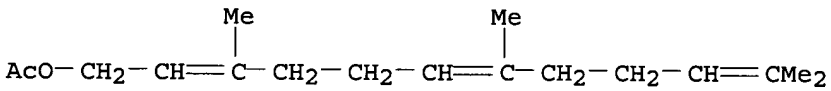


ACCESSION NUMBER: 2002:443218 CAPLUS
DOCUMENT NUMBER: 137:198590
TITLE: **Olfactory** antennal responses of the vine weevil Otiorhynchus sulcatus to plant volatiles
AUTHOR(S): van Tol, R. W. H. M.; Visser, J. H.
CORPORATE SOURCE: Nursery Stock Research Unit, Applied Plant Research, Boskoop, 2770 AC, Neth.
SOURCE: Entomologia Experimentalis et Applicata (2002), 102(1), 49-64
CODEN: ETEAAT; ISSN: 0013-8703
PUBLISHER: Kluwer Academic Publishers
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:

Electroantennograms (EAGs) were recorded from the vine weevil, Otiorhynchus sulcatus F. (Coleoptera: Curculionidae) to a broad range of volatile plant compds. The response profile is restricted to a small no. of volatiles that evoke substantial EAGs. Large EAG responses were particularly found among green leaf volatiles (GLV) such as (E)-2-hexenol-1, (Z)-3-hexenol-1, hexanol-1, hexanal, and heptanal. Other plant volatiles eliciting responses in the weevils' antenna are 2,5-dimethylpyrazine, hexylamine, benzyl alc., 1,2-dimethoxybenzene, o-cresol, myrtenol, 3-methylcyclohexanol, .gamma.-hexalactone, and .gamma.-heptalactone. EAG responses to terpenes were generally weak. Many of the monoterpenes are characteristic for the ***odor*** of conifers, a group of plants which tend to be avoided by adult vine weevils. The EAG response to several GLV and benzene derivs. in three geog. distinct populations of the vine weevil differed, suggesting between population variation in receptor sensitivities for several compds. under test. The GLV-compn. of the **odor** profile of potential food plants may be an important criterion for a polyphagous insect like the vine weevil to be used in host-plant selection, since compds. in this **odor** group dominate so strongly the EAG response profile. In multiple food-choice situations the weevils are known to prefer certain plant species and the authors hypothesize that they combine GLV information with that of more specific plant volatiles, thereby promoting attraction or avoidance.

REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

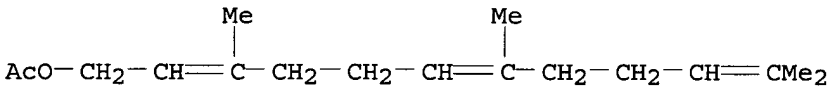
L6 ANSWER 5 OF 19 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesol acetate
RL: NPO (Natural product occurrence); BIOL (Biological study); OCCU (Occurrence)
(chem. components of oil from flowers of Cananga **odorata** from Vietnam)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



ACCESSION NUMBER: 2001:843042 CAPLUS
DOCUMENT NUMBER: 137:83356
TITLE: Study of chemical components of the essential oil from flowers of Cananga **odorata** ((Lamb.) Hook f.

et Thomas Annonaceae) in Vietnam
AUTHOR(S): Phan, Tong Son; Phan, Minh Glang; Nguyen, Dieu Huong
CORPORATE SOURCE: Institute of Chemistry, College of Natural Science, Vietnam National University, Vietnam
SOURCE: Tap Chi Duoc Hoc (2001), (7), 9-11
CODEN: TCDHDQ; ISSN: 0258-6967
PUBLISHER: Bo Y Te Xuat Trieu
DOCUMENT TYPE: Journal
LANGUAGE: Vietnamese
ABSTRACT:
In this study. the flower essential oil from Cananga **odorata** of Vietnam was studied G. and GC-MS, and IR. Twenty components of the oil, in total amounting to 93.3%, were identified. Linalool (21.3%), geranyl acetate (6.2%), .beta.-caryophyllene (7.3%), .beta.-cubebene + germacrene D + .gamma.-cadinene (27.8%) and benzyl benzoate (13.4%) were the major components of the oil.

L6 ANSWER 6 OF 19 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesyl acetate
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(characterization of aroma of green Mexican coffee and identification of moldy/earthy defect)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



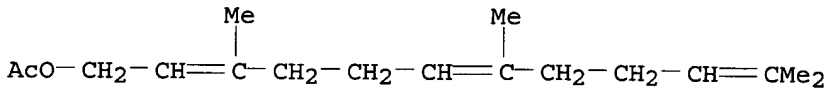
ACCESSION NUMBER: 2001:508680 CAPLUS
DOCUMENT NUMBER: 135:226032
TITLE: Characterization of the aroma of green Mexican coffee and identification of moldy/earthy defect
AUTHOR(S): Cantergiani, E.; Brevard, H.; Krebs, Y.; Feria-Morales, A.; Amado, R.; Yeretzian, C.
CORPORATE SOURCE: Firmenich SA, Geneva, 1211/1, Switz.
SOURCE: European Food Research and Technology (2001), 212(6), 648-657
CODEN: EFRTFO; ISSN: 1438-2377
PUBLISHER: Springer-Verlag
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
The aromas of a ref. green Mexican coffee (Arabica) and of a coffee from the same origin, but having a pronounced earthy/moldy off-taint, were characterized. From comparison of the 2 aroma profiles, the compds. causing the defect were detected by gas chromatog. olfactometry, isolated and concd. by preparative bi-dimensional gas chromatog., and characterized by gas chromatog.-mass spectrometry. Six compds. participated in the off-flavor. Geosmin, 2-methylisoborneol, 2,4,6-trichloroanisole were the main culprits, while 3 methoxy pyrazines (2-methoxy-3-isopropyl/-3-sec-butyl/-3-iso-butylpyrazine) contributed to a lesser extent to the earthy/green undertone. The occurrence of the off-flavor could tentatively be linked to post-harvest drying.

REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 19 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesyl acetate **56001-43-5**, Nerolidyl

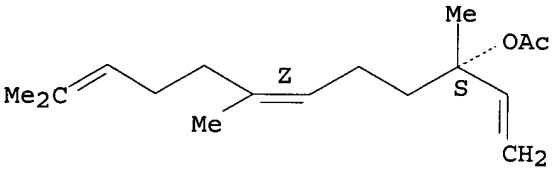
acetate
RL: ANT (Analyte); BUU (Biological use, unclassified); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(temp. effect on GC retention index of **perfumery** compds. on Carbowax columns with different film thicknesses)

RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



RN 56001-43-5 CAPLUS
CN 1,6,10-Dodecatrien-3-ol, 3,7,11-trimethyl-, acetate, (3S,6Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

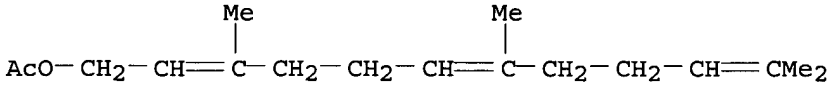


ACCESSION NUMBER: 1999:140762 CAPLUS
DOCUMENT NUMBER: 130:342748
TITLE: Temperature dependence of the retention index for **perfumery** compounds on two Carbowax-20M glass capillary columns with different film thickness. I. A linear equation
AUTHOR(S): Tudor, Ecaterina
CORPORATE SOURCE: Romanian Academy, Inst. Physical Chemistry, Bucharest, 77208, Rom.
SOURCE: Revue Roumaine de Chimie (1998), 43(7), 587-596
CODEN: RRCHAX; ISSN: 0035-3930
PUBLISHER: Editura Academiei Romane
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
The retention index variation with the column temp. was investigated for a comprehensive set of **perfumery** solutes, on Carbowax-20M glass capillary columns with 0.45 and 0.08 .mu.m film thickness. The retention indexes, the parameters of the linear equation of dependence and even the elution order are different on the 2 columns.

REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

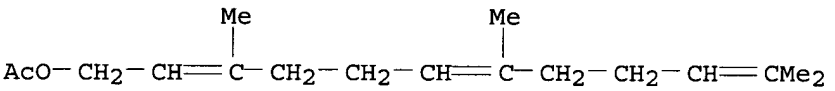
L6 ANSWER 8 OF 19 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesyl acetate
RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(temp. dependence of retention index for **perfumery** compds. on glass capillary column (Erratum))

RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1999:45638 CAPLUS
DOCUMENT NUMBER: 130:172746
TITLE: Temperature dependence of the retention index for **perfumery** compounds on a SE-30 glass capillary column. I. Linear equations. [Erratum to document cited in CA127:225086]
AUTHOR(S): Tudor, Ecaterina
CORPORATE SOURCE: Institute of Physical Chemistry, Romanian Academy, Bucharest, 77208, Rom.
SOURCE: Journal of Chromatography, A (1999), 830(2), 497
CODEN: JCRAEY; ISSN: 0021-9673
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
In Table 1, the heading of the third column (eI 100.degree.C) should read I (exptl. retention index at T.degree.C).

L6 ANSWER 9 OF 19 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesyl acetate
RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(temp. dependence of retention index for **perfumery** compds. on glass capillary column)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



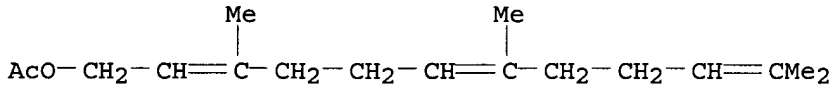
ACCESSION NUMBER: 1997:504979 CAPLUS
DOCUMENT NUMBER: 127:225086
TITLE: Temperature dependence of the retention index for **perfumery** compounds on a SE-30 glass capillary column. I. Linear equations
AUTHOR(S): Tudor, Ecaterina
CORPORATE SOURCE: Institute of Physical Chemistry, Romanian Academy, Spl. Independentei 202, Bucharest, 77208, Rom.
SOURCE: Journal of Chromatography, A (1997), 779(1 + 2), 287-297
CODEN: JCRAEY; ISSN: 0021-9673
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
The temp. dependence of the retention index was studied for about 340 ***perfumery*** compds. on an SE-30 glass capillary column within usual temp. ranges. Two linear equations, with column temp. and its reciprocal as variables, were comparatively reported. The first shows a slightly better precision and is more convenient for different applications, particularly for correlation with structure.

L6 ANSWER 10 OF 19 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesyl acetate

RL: BOC (Biological occurrence); BSU (Biological study, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); OCCU (Occurrence); PROC (Process)
(HRGC/FID/NPD and HRGC/MSD anal. of Colombian ylang-ylang essential oils)

RN 29548-30-9 CAPLUS

CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1996:472711 CAPLUS
DOCUMENT NUMBER: 125:204080
TITLE: HRGC/FID/NPD and HRGC/MSD study of Colombian ylang-ylang (Cananga **odorata**) oils obtained by different extraction techniques
AUTHOR(S): Stashenko, Elena E.; Prada, Nubia Quiroz; Martinez, Jairo R.
CORPORATE SOURCE: Chem. Dep., Ind. Univ. Santander, Bucaramanga, Colombia
SOURCE: Journal of High Resolution Chromatography (1996), 19(6), 353-358
CODEN: JHRCE7; ISSN: 0935-6304
PUBLISHER: Huethig
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:

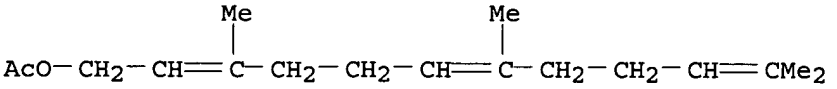
Steam distn. (SD), simultaneous distn.-solvent extn. (SDE), and supercrit. (CO2) extn. (SFE) were used to isolate volatile secondary metabolites from fresh, totally mature flowers of Colombian ylang-ylang (Cananga **odorata**). The various exts. were analyzed by capillary chromatog. (DB-1, DBWAX, 60 m columns) using FID, NPD or MSD (EI, 70 eV). Kovats indexes, mass spectra, or std. substances were employed for compd. identification. The main constituents of these exts. were linalool (20.7, 28.0, and 16.5%), germacrene-D (10.1, 3.1, and 20.3%) benzylbenzoate (14.1, 2.9, and 3.9%), benzyl acetate (9.6, 17.0, and 6.2%), caryophyllene (3.1, 2.9, and 3.9%), and p-methylanisole (6.8, 6.1, and 2.7%). Heavy hydrocarbons (Cn>20) and fatty acids were found only in the SFE exts., which also had a higher content of nitrogenated compds. (phenylacetonitrile, 4-methylbenzaldoxime, indole, 2-phenyl-nitroethane, and Me anthranilate) and sesquiterpenes (43% vs 19.5% in SD and 8.1% in SDE) and 1.5-2 times lower concn. of monoterpenes and light oxygenated compds. than the SD (49.7%) and SDE (64.5%) exts.

L6 ANSWER 11 OF 19 CAPLUS COPYRIGHT 2003 ACS

IT **29548-30-9 71557-56-7**
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(tequila flavor)

RN 29548-30-9 CAPLUS

CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)

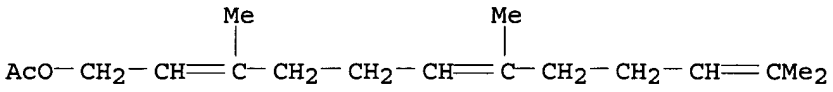


RN 71557-56-7 CAPLUS

CN Dodecadien-1-ol, 3,7,11-trimethyl-, acetate (9CI) (CA INDEX NAME)

CM 1

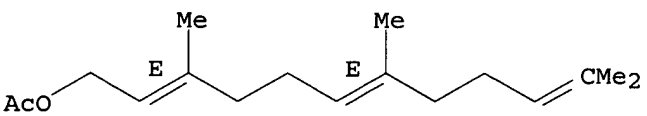
CRN 29548-30-9
CMF C17 H28 O2



ACCESSION NUMBER: 1996:64916 CAPLUS
DOCUMENT NUMBER: 124:115820
TITLE: Characterization of Tequila Flavor by Instrumental and Sensory Analysis
AUTHOR(S): Benn, Scot M.; Peppard, Terry L.
CORPORATE SOURCE: Givaudan-Roure Corporation, Clifton, NE, 07015, USA
SOURCE: Journal of Agricultural and Food Chemistry (1996), 44(2), 557-66
CODEN: JAFCAU; ISSN: 0021-8561
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
Tequila, the fermented and twice-distd. juice of Agave tequilana, was extd. using dichloromethane. The ext. obtained, which represented approx. 0.03% vol./vol. of the original product, was analyzed by gas chromatog. (GC), employing both flame ionization detection (FID) and sulfur chemiluminescence detection, as well as by gas chromatog.-mass spectrometry (GC-MS). More than 175 components were identified in the ext., accounting for more than 99% of the total GC FID peak area. The ext. was also subjected to sensory anal. employing the technique of GC with **odor** port evaluation/aroma ext. diln. anal. More than 60 **odorants** were detected, at least 30 of which could be correlated with specific GC peaks arising from components found in the ext. On the basis of their detection in the most dil. exts. analyzed, five constituents were detd. to be the most powerful **odorants** of tequila; these were isovaleraldehyde, isoamyl alc., .beta.-damascenone, 2-phenylethanol, and vanillin. Efforts at reconstituting tequila flavor from its component parts were not successful, however, indicating that further significant contributors to tequila flavor remain to be identified.

L6 ANSWER 12 OF 19 CAPLUS COPYRIGHT 2003 ACS
IT **4128-17-0**
RL: ANT (Analyte); BOC (Biological occurrence); BSU (Biological study, unclassified); BUU (Biological use, unclassified); ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); USES (Uses)
(compositional variation of ylang-ylang oil during flower development)
RN 4128-17-0 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate, (2E,6E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



ACCESSION NUMBER: 1995:469121 CAPLUS
DOCUMENT NUMBER: 122:248001
TITLE: A study of the compositional variation of the essential oil of ylang-ylang (Cananga **odorata**

Hook Fil. et Thomson, forma genuina) during flower development

AUTHOR(S): Stashenko, Elena E.; Torres, William; Morales, Jairo Rene Martinez

CORPORATE SOURCE: Chem. Dep., Industrial Univ. of Santander, Bucaramanga, 678, Colombia

SOURCE: Journal of High Resolution Chromatography (1995), 18(2), 101-4
CODEN: JHRCE7; ISSN: 0935-6304

PUBLISHER: Huethig

DOCUMENT TYPE: Journal

LANGUAGE: English

ABSTRACT:

Volatile secondary metabolites from Columbian ylang-ylang flowers were obtained by combined steam distn.-solvent extn. The samples were analyzed by high resoln. gas chromatog. with flame ionization, nitrogen/phosphorus, or mass spectrometric detection. The chem. compn. of the oils extd. from flowers at different stages of development differed both qual. and quant. The generation of total volatile metabolites, light oxygenated compds. in particular, increased markedly during flower maturation. In this work the quality of the ylang-ylang essential oils was studied as a function of flower maturity.

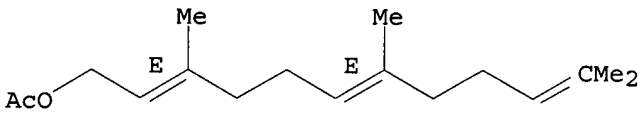
L6 ANSWER 13 OF 19 CAPLUS COPYRIGHT 2003 ACS

IT **4128-17-0**
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BUU (Biological use, unclassified); BIOL (Biological study); OCCU (Occurrence); USES (Uses)
(volatile components of honeysuckle flowers)

RN 4128-17-0 CAPLUS

CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate, (2E,6E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



ACCESSION NUMBER: 1995:433056 CAPLUS

DOCUMENT NUMBER: 122:247995

TITLE: Volatile components of honeysuckle (Lonicera japonica Thunb.) flowers

AUTHOR(S): Ikeda, Nobuo; Ishihara, Masakazu; Tsuneya, Tomoyuki; Kawakita, Masayuki; Yoshihara, Masaaki; Suzuki, Yasushi; Komaki, Ryoichi; Inui, Masayoshi

CORPORATE SOURCE: Research Laboratories, Shiono Koryo Kaisha, Ltd, Osaka, 532, Japan

SOURCE: Flavour and Fragrance Journal (1994), 9(6), 325-31
CODEN: FFJOED; ISSN: 0882-5734

DOCUMENT TYPE: Journal

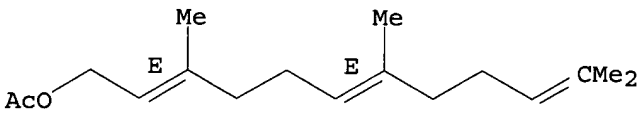
LANGUAGE: English

ABSTRACT:

The volatile components of the concrete from flowers of honeysuckle Lonicera japonica Thunb. were analyzed by GC and GC-MS. One hundred and fifty compds., made up of 36 hydrocarbons, 28 alcs., 21 aldehydes, 12 ketones, 38 esters and 15 misc., were identified and the important components that characterize the volatiles of honeysuckle flowers were recognized to be linalool, (Z)-jasmone, (Z)-jasmin lactone, Me jasmonate, and Me epi-jasmonate. In addn., changes of the volatile components emitted from the living flowers throughout the whole day were investigated by dynamic headspace anal. using GC and GC-MS, and the strongest **odor** was found to be emitted in the middle of the night.

L6 ANSWER 14 OF 19 CAPLUS COPYRIGHT 2003 ACS
IT **4128-17-0**, (E,E)-Farnesyl acetate
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, in ylang-ylang oil, by gas chromatog. and mass spectrometry)
RN 4128-17-0 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate, (2E,6E)- (9CI) (CA INDEX NAME)

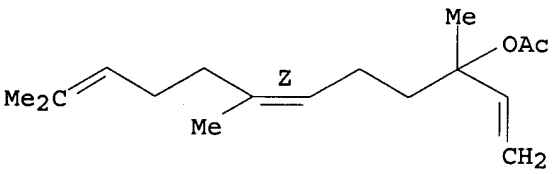
Double bond geometry as shown.



ACCESSION NUMBER: 1994:61902 CAPLUS
DOCUMENT NUMBER: 120:61902
TITLE: HRGC and GC-MS analysis of essential oil from Colombian ylang-ylang (Cananga **odorata**)
AUTHOR(S): Stashenko, Elena; Martinez, Jairo Rene; Macku, Carlos; Shibamoto, Takayuki
CORPORATE SOURCE: Dep. Chem., Univ. Ind. Santander, Bucaramanga, A.A 678, Colombia
SOURCE: Journal of High Resolution Chromatography (1993), 16(7), 441-4
CODEN: JHRCE7; ISSN: 0935-6304
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
Samples of essential oil from Colombian ylang-ylang trees were analyzed by means of high-resoln. gas chromatog. (HRGC), HRGC-MS, IR and 1H- and 13C-NMR. Fifty-seven components were detected, 51 of which were pos. identified. Camphene and anethol were identified in ylang-ylang essential oil for the first time. Among the compn.-detg. variables studied (extn. time, part of the flower, and flower freshness), the extn. time and the flower condition (fresh vs. dry) were found to have the largest incidence in the quality of the essential oil.

L6 ANSWER 15 OF 19 CAPLUS COPYRIGHT 2003 ACS
IT **91050-14-5**
RL: BIOL (Biological study)
(of Hedychium coronarium flower essential oil)
RN 91050-14-5 CAPLUS
CN 1,6,10-Dodecatrien-3-ol, 3,7,11-trimethyl-, acetate, (6Z)- (9CI) (CA INDEX NAME)

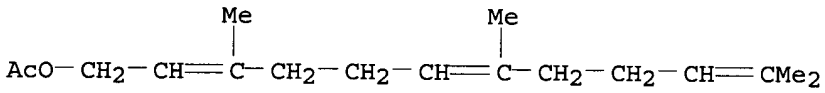
Double bond geometry as shown.



ACCESSION NUMBER: 1993:577576 CAPLUS
DOCUMENT NUMBER: 119:177576
TITLE: Volatile components of Hedychium coronarium Koenig flowers
AUTHOR(S): Matsumoto, Fumio; Idetsuki, Hirokazu; Harada, Ken; Nohara, Isao; Toyoda, Takaaki

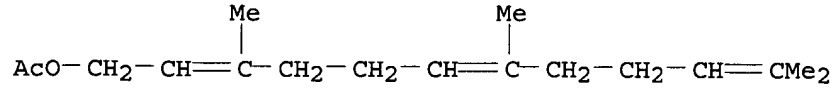
CORPORATE SOURCE: Kose Corp. Res. Lab., Tokyo, 114, Japan
SOURCE: Journal of Essential Oil Research (1993), 5(2), 123-33
CODEN: JEOREG; ISSN: 1041-2905
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
The solvent ext. and the headspace of Hedychium coronarium flowers were investigated by GC and GC/MS. A volatile conc. of the solvent ext. which was obtained by simultaneous distn. and extn. (SDE) was fractionated by column chromatog. and analyzed by GC and GC/MS. Of the 175 compds. identified, linalool, Me benzoate, cis-jasmone, eugenol, (E)-isoeugenol, jasmin lactone, Me jasmonate, Me epi-jasmonate, indole, nitriles and oximes were found to make a great contribution to the **scent** of the flowers. A total of 113 compds. were identified in the headspace. The daily and the seasonal changes of the **odor** characteristics of H. coronarium flowers were considered. Qual. differences of the volatiles obtained by thermal and solvent desorption of the headspace traps were also discussed.

L6 ANSWER 16 OF 19 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**
RL: BIOL (Biological study)
(from essential oil of Plumeria rubra forma acutifolia)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1992:191047 CAPLUS
DOCUMENT NUMBER: 116:191047
TITLE: Volatile components of Plumeria flowers. Part 1. Plumeria rubra forma acutifolia (Poir.) Woodson cv. 'Common Yellow'
AUTHOR(S): Omata, Akihiki; Yomogida, Katsuyuki; Nakamura, Shoji; Hashimoto, Seiji; Arai, Toshiyuki; Furukawa, Kiyoshi
CORPORATE SOURCE: Shiseido Prod. Res. Lab., Yokohama, 223, Japan
SOURCE: Flavour and Fragrance Journal (1991), 6(4), 277-9
CODEN: FFJOED; ISSN: 0882-5734
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
The essential oil of Plumeria rubra forma acutifolia (Poir.) Woodson cv. Common Yellow growing in Hawaii was extd. by simultaneous distn. and extn. The essential oil was analyzed with GC and GC-MS, and a total of 74 compds. were identified. Linalol, phenylacetaldehyde, trans,trans-farnesol, .beta.-phenylethyl alc., geraniol, .alpha.-terpineol, neral and geranial were found to make a major contribution to the floral **scent** of this flower.

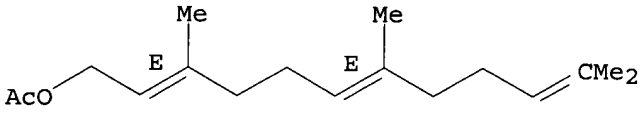
L6 ANSWER 17 OF 19 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**, Farnesyl acetate
RL: BIOL (Biological study)
(of Cananga **odorata** flower oils, plant source and flowering period effect on)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1989:82262 CAPLUS
DOCUMENT NUMBER: 110:82262
TITLE: Constituents of the essential oils from Cananga **odorata** of different varieties and at different flowering periods
AUTHOR(S): Ding, Jingkai; Yi, Yuanfen; Wu, Yu; Ding, Zhihui; Sun, Handong; Liu, Zeguang; Dao, Sihua
CORPORATE SOURCE: Kunming Inst. Bot., Acad. Sin., Kunming, Peop. Rep. China
SOURCE: Yunnan Zhiwu Yanjiu (1988), 10(3), 331-4
CODEN: YCWCDP; ISSN: 0253-2700
DOCUMENT TYPE: Journal
LANGUAGE: Chinese
ABSTRACT:
Esters, alcs., phenolic ethers, and sesquiterpenes were identified in the oil from C. **odorata**, used for manuf. of **perfumes**. High quality ***fragrance*** correlated with lower contents of sesquiterpenes and sesquiterpene alcs. Essential oils obtained when the flowers were changing from green to yellow showed high quality **fragrance**. Three varieties of C. **odorata** were different in their essential oil compn.

L6 ANSWER 18 OF 19 CAPLUS COPYRIGHT 2003 ACS
IT **4128-17-0**
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(of ylang-ylang oil, multidimensional data anal. of oils by gas chromatog. in)
RN 4128-17-0 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate, (2E,6E)- (9CI) (CA INDEX NAME)

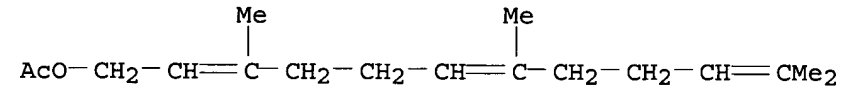
Double bond geometry as shown.



ACCESSION NUMBER: 1988:209974 CAPLUS
DOCUMENT NUMBER: 108:209974
TITLE: Multidimensional data analysis of essential oils. Application to ylang-ylang (Cananga **odorata** Hook Fil. et Thomson, Forma genuina) grades classification
AUTHOR(S): Gaydou, Emile M.; Randriamiharisoa, Robert P.; Bianchini, Jean Pierre; Llinas, Jean Richard
CORPORATE SOURCE: Lab. Phytochim., Ec. Super. Chim., Marseille, Fr.
SOURCE: Journal of Agricultural and Food Chemistry (1988), 36(3), 574-9
CODEN: JAFCAU; ISSN: 0021-8561
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
Chem. compns. of 44 essential oils of ylang-ylang (C. **odorata**) from Madagascar were analyzed by glass capillary gas chromatog. (GC). Classification of these essential oils according to their com. grades (1st, 2nd, 3rd) using phys. and chem. consts. was compared to classification achieved by applying multidimensional data anal. to the GC results. Thirty-two GC peaks

were used for standardized principal-component anal. (PCA) and factorial discriminant anal. (FDA). The differentiation of the 3 groups was obtained by either PCA or FDA. By using stepwise FDA, we obsd. that only 10 compds. are needed for the correct classification of the learning set samples.

L6 ANSWER 19 OF 19 CAPLUS COPYRIGHT 2003 ACS
IT **29548-30-9**
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(of blueberries)
RN 29548-30-9 CAPLUS
CN 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, acetate (7CI, 8CI, 9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1983:574466 CAPLUS
DOCUMENT NUMBER: 99:174466
TITLE: The aroma of blueberries
AUTHOR(S): Hirvi, Timo; Honkanen, Erkki
CORPORATE SOURCE: Food Res. Lab., Tech. Res. Cent. Finl., Espoo, SF-02150/15, Finland
SOURCE: Journal of the Science of Food and Agriculture (1983), 34(9), 992-6
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LANGUAGE: English
ABSTRACT:
The volatile components of bilberry, bog blueberry and cultivated high-bush blueberry (cultivar Rancocas) were analyzed by gas chromatog. and mass spectrometry. Several new compds. not reported previously as blueberry volatiles were detected. These included methyl [17417-00-4] and ethyl 2-hydroxy-3-methylbutanoate [2441-06-7], Me and ethyl 3-hydroxy-3-methylbutanoate [18267-36-2] 2-phenyethyl formate [104-62-1], methyl ***salicylate*** [119-36-8], farnesol [4602-84-0], farnesyl acetate [***29548-30-9***], vanillin [121-33-5], myristicin [607-91-0], 4-vinylphenol [2628-17-3], 2-methoxy-5-vinylphenol [621-58-9], citronellol [106-22-9], hydroxycitronellol [107-74-4] and some .gamma.- and .delta.-lactones. The character impact compds. of bilberry were the above-mentioned hydroxy esters together with 2-phenylethanol and its esters and the .gamma.- and .delta.-lactones, whereas myristicin, citronellol, hydroxycitronellol, farnesol, and farnesyl acetate were typical of the aroma of high-brush blueberry.

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	101.57	249.93
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-12.37	-12.37

STN INTERNATIONAL LOGOFF AT 09:27:39 ON 16 MAY 2003